ORNITHOLOGICAL GAZETTEER OF BOLIVIA

SECOND EDITION

RAYMOND A. PAYNTER, JR.

1992

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INTRODUCTION

In the seventeen years since the first edition (1975) of this gazetteer, knowledge of Bolivian birds has increased enormously. Seventy-four publications concerned primarily with the ornithology of Bolivia have appeared in this brief period, while between 1839 and 1974 there was a total of only 85. In other words, in the 153-year span of Bolivian ornithological studies, nearly half the publications came in the last seventeen years.

The deluge of recent publications alone would have made the first edition obsolete, but after this initial volume in the series, which now covers all the countries of South America, our methodology rapidly evolved and the information given became much more comprehensive. While at first we were satisfied with merely documenting that someone had worked at each field site, later it became apparent that the gazetteers would be more useful if we cited everyone who had been there, along with the dates of their work. The bibliography also evolved. At first it was simply a listing of all references used in the text, but later this was changed to be a complete ornithological bibliography for the country. References used to provide supplementary information are now cited in full within the text, leaving the bibliography uncluttered with material that is, strictly speaking, peripheral to the main body of literature for a given country. These methodological changes, along with the surge of new studies, has necessitated rewriting the entire volume; the result is a gazetteer more than twice the size of the first edition.

The ideal gazetteer would not only survey all the literature but would also include unpublished data from museum collections. Practicality still precludes such comprehensive coverage, but I have included records from all the Bolivian specimens in the Museum of Comparative Zoology, the Field Museum of Natural History, the Western Foundation of Vertebrate Zoology, and the Los Angeles County Museum of Natural History. K. C. Parkes has provided considerable information for Steinbach material housed in the Carnegie Museum. Data from other collections are included when known, but no attempt could be made at comprehensive surveys.

Each country has its own set of minor problems that defy resolution. In Bolivia I have been troubled by three. The first concerns d'Orbigny's pioneering explorations. d'Orbigny has published detailed itineraries of his extensive travels. Ornithological collections or observations were not made at every site visited, at least as far as we know, but it is possible that some of these localities will take on some ornithological significance when these old collections are examined further. I, therefore, have included not only d'Orbigny field sites that have appeared in the ornithological literature, but, using Papavero's excellent synopsis (1971, *Essays on the History of Neotropical Dipterology*, Vol. 1, pp. 139-143) of d'Orbigny's travels, have included a few of those places where he made extended stays and where he may have collected birds. The second trivial problem concerns the collections made by the Steinbachs, a family team as well known in Bolivian ornithology as the Olallas in Ecuador. J. Steinbach began work about 1908 and F. Steinbach about 1918; D. Steinbach appeared briefly in 1920-1921. The dates of the former two overlapped for about 20 years, meaning that during this time, if the published records fail to indicate the initial, there is no way to know who was the collector. R. Steinbach offers no problem since he appeared on the scene between 1968 and 1973, after F. Steinbach had ceased collecting. The third problem, which is of more significance, concerns maps. It has been extraordinarily difficult to obtain useful, recent maps. In the seventeen years since the publication of the first edition of this gazetteer, I have obtained only one new map (MAPA-II) that has been of any significant use, and this bears no date!

The following abbreviations and acronyms have been employed:

AMNH	American Museum of Natural History (data from specimens therein).
Bartholomew, 1989	Brazil & Bolivia, World Travel Map. (1:5,000,000), 1989. Bartholomew, Harper-Collins, Edinburgh.
CM	Carnegie Museum of Natural History (data from specimens therein).
FMNH	Field Museum of Natural History (data from specimens therein).

LACMNH	Natural History Museum of Los Angeles; formerly part of Los Angeles County Museum and collections were catalogued as "LACM" (data from specimens therein).
MAPA	Mapa de la República de Bolivia (scale?), 1947, R. R. Camacho Lara, Zumelzu y Cia., La Paz.
MAPA-II	Mapa de la República de Bolivia (1:4,000,000), date ? [1980s?]. Instituto Geográfico Militar, La Paz.
MCZ	Museum of Comparative Zoology (data from specimens therein).
MHA	Map of Hispanic America ("Millionth Map"), 1922-1940, American Geographical Society, New York (reference to one of the 9 sheets covering Bolivia).
ONC	Operational Navigation Chart (1:1,000,000). Defense Mapping Agency Aerospace Center, St. Louis Air Force Station (reference to one of the following sheets: N-26[1967], P-26 [1967], P-27 [1976]).
USBGN	United States Board on Geographic Names. Department of the Interior, Washington, DC (refers to Gazetteer No. 4, Bolivia, 1955, and Gazetteer Supplement, 1971).
USNM	United States National Museum (data from specimens therein).
WFVZ	Western Foundation of Vertebrate Zoology (data from specimens therein).

With each gazetteer we have been dependent on the good will and assistance of a number of people. This time I have been greatly helped by: L. J. Dorr, J. Fisher, J. Fjeldså, K. L. Garrett, R. Gresham, F. M. Jaksic,

R. I. Johnson, L. F. Kiff, D. V. Lanning, S. M. Lanyon, T. C. Maxwell, S. L. Olson, K. C. Parkes, V. J. Remsen, Jr., R. L. Roca, K.-L. Schuchmann, and, my earlier co-author, M. A. Traylor, Jr.

To Alison Pirie special thanks are owed for her faithful assistance and keen eye. This work would have been much less complete without her.

Raymond A. Paynter, Jr.

1 July 1992

ABAJO, RÍO; La Paz Not located
Near city of La Paz [1630/6809 (USBGN)], observer?, in mesothermic valley at 3,200 m, 1982-1984 (Cabot, 1991:202).

ABAPÓ; Santa Cruz 1850/6328 (USBGN)
ca. 500 m, 18 km SW of Cabezas [1846/6324 (USBGN)], on left side of upper Río Grande [1551/6439 (USBGN)], southwestern Santa Cruz at edge of cordillera (MHA); Remsen, at Proyecto Abapó-Izozog, ca. 35 km E of Abapó, at 475 m, 10-15 Aug. 1984 (Schmitt, et al.,1986:308).

ABAPÓ-IZOZOG, PROYECTO; see Abapó.

ABRA, MONTE DEL; Cochabambaca ca. 1710/6545 (Gyldenstolpe, 1945:map)
3,600 m, central Cochabamba, NE of Colomi [1721/6552 (USBGN)], Olalla, 28 May, and on slopes from 3,200-3,260 m, 16, 20, 28 May 1938 (Gyldenstolpe, 1945:map; Fjeldså & Krabbe, 1989:322).

ACERAMARCA, RÍO (Zimmer, 1936, p. 16); see Aceromarca, Río.

ACEROMARCA, RÍO; La Paz 1618/6753 (USBGN)
Small, right-bank tributary of upper Río Unduavi [1618/6752 (USBGN)], with mouth at town of Unduavi [1619/6754 (USBGN)], ca. 35 km NE of city of La Paz [1630/6809 (USBGN)]; Tate, location?, May 1926 (Tate, 1926); collector? [Tate?], date? [May 1926?] (Zimmer, 1936, Amer. Mus. Novit., no. 860, p.16, as "Río Aceramarca"); collector? [Tate?], at 10,700 ft [3,210 m], date? (Remsen, 1984, Wilson Bull., **96**:516).

ACHACACHE (d'Orbigny, 1846, p. 354); see Achacachi.

ACHACACHI; La Paz 1603/6843 (USBGN)
3,827 m, on southeastern shore of Lago Titicaca [1548/6924 (USBGN)], 6 km NW of La Paz [1630/6809 (USBGN)] (MHA); d'Orbigny, 9 June 1833 (d'Orbigny, 1846, p. 354, as "Achacache"; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 143); Garman, early 1875 (Allen & Garman, 1876:357, as "Achecache"); O. Garlepp, 26 Aug. and above, 18 Sept. 1893 (Niethammer, 1953a:203, also as "Hachacachi"); Simons, 24 Feb. 1901 (Chubb, 1919:5, as "Achecachi, Cochabamba"); Gilmore, 27

Nov. 1942 (USNM); Gilmore also was at Umasuyos [not located] on same date.

ACHAPAMPA; La Paz 1525/6832 (USBGN)
ca. 1,500 m, eastern central La Paz, at headwaters of Río Consata [1515/6816 (USBGN)] and 15 km SSW of Consata [1520/6832 (USBGN)] (MHA); Buckley, 1875 (Sclater & Salvin, 1879:639, as "Huachapampa"); identification fairly certain as Buckley is known to have been at Consata.

ACHECACHE (Allen & Garman, 1876:357); see Achacachi.

ACHECACHI (Chubb, 1919:5); see Achacachi.

ACHIRAS; Santa Cruz Not located
1,100 m?, collector?, in Provincia Florida [1800/6355 (USBGN)], central Santa Cruz, date? (Remsen, 1984:166).

ACHUMA DE SANTA ANA; La Paz Not located
4,000 m, 45 km SW of Viacha [1639/6818 (USBGN)], in southwestern part of department, puna, scrub, Cabot, 10 Mar. 1983 (Cabot, 1991:202).

ADUANA; Cochabamba Not located
Alt.?; there are at least two sites bearing this name in the department of Cochabamba, viz. at ca. 1713/6655 (MAPA) and at ca. 1715/6649 (MAPA), and probably there is *another* in the vicinity of Incachaca [1714/6549 (USBGN)]; F. Steinbach, 27 Jan. 1938 (FMNH, as "Aduana, Chaparé [=?Provincia Chaparé, 1630/6530 (USBGN)]"), 20, 22, 25-27 Nov. 5, 10, 20, 25, 28, 30 Dec. 1939, 3, 5, 7-8, 11-12, 14-15, 17 Jan., 28, 30 July 1940 (FMNH, also as "Aduana, Incachaca"); see, also, Yanta Aduana; San Benito, Cerro; and Incachaca.

AGRIGENTO; Cochabamba Not located
400 m, near Villa Tunari [ca. 1657/6524 (MAPA)] and Río San Mathias [Río San Mateo, 1703/6524 (USBGN)], Cordier, first week of Feb. 1981 (Schuchmann, 1984).

AGUAIRENDA; Tarija 2151/6340 (USBGN)
ca. 700 m, in foothills of southeastern Tarija, 15 km SW of Caiza [Villa Ingavi, 2149/6334 (USBGN)] and 10 km N of Argentina border (MHA); Borelli, Nov. 1893, Nov. 1895, Feb. 1896

(Salvadori, 1897:4-5, 16); von Hofsten, 1902 (Lönnberg, 1903:465, p. 443, as "Aguayrenda").

AGUAYRENDA (Lönnberg, 1903:443); see Aguairende.

AGUIRRE (Bond & de Schauensee, 1942b:311); see Cuchicancha.

AGUIRRI (Bond & de Schauensee, 1942b:311); see Cuchicancha.

AIGUILE (Bond & de Schauensee, 1943:220); see Aiquile.

AIQUILE; Cochabamba 1810/6510 (USBGN)
2,218 m, southernmost Cochabamba, 140 km SE of city of Cochabamba [1724/6609 (USBGN)] (MHA); F. Steinbach, 11, 15, 18, 20 July, 10, 19, 15 Aug., 15, 17-18 Nov. 1936 (FMNH); Bond & de Schauensee, 1943:220, as "Aiguile"; Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329); Fjeldså, et al., between here and Mizque [1756/6519 (USBGN)], alt.?, leguminaceous woodland, savanna, dry fields, etc., 18 April and at camp 10 km SW, at 2,600 m, dry area with brush, cactus, 19 April 1987 (Fjeldså, 1987:37)

ALALAY, LAGUNA; Cochabamba 1725/6608 (USBGN)
ca. 2,500 m (MHA); shallow, oval lake, ca. 1 km long on outskirts of city of Cochabamba [1724/6609 (USBGN)] (Dott, 1985:343); Niethammer, ca. 28-31 July 1951 (Niethammer, 1953a:197, 198; 1956:105, as "Lagune Ala-lei"); Dott, 16 dates between 1969-1971, 1974-1975, including 14 Sept., 12 Oct., 23 Nov., 20 Dec. 1969, 18 Jan. 1970, 23 May 1971, 21 Mar., 26 Oct., 29 Dec. 1974, 16 Jan., 5, 17, 27 April, 22 June, 29 July, 20 Aug. 1975, Remsen, 1, 3 Nov. 1976, 26 Jan. 1977 (Dott, 1984:106, 107; 1985:343, 345); observer?, April 1984, 29 July, 12 Nov. 1985 (Cabot & Serrano, 1988:188-190); Fjeldså, et al., 15 April 1987 (Fjeldså, 1987:35); not shown on our maps.

ALA-LEI, LAGUNE (Niethammer, 1956:105); see Alalay, Laguna.

ALASKA MINE; La Paz Not located
ca. 4,300 m, N of Pongo [1620/6756 (USBGN)], central La Paz, Tate, Mar. 1926 (Tate, 1926); collector? [Tate?], date? [Mar. 1926?] (Zimmer, 1936, Amer. Mus. Novit., no. 860, p.17).

ALCOCHE; La Paz 1542/6740 (USBGN)
2,000 ft [600 m], eastern central La Paz, on Río Coroico [1527/6750

(USBGN)], 35 km SE of Guanay [1528/6752 (USBGN)] and ca. 10 km NW of Santa Ana [1531/6752 (USBGN)] (ONC; MHA); Carriker, 4 Aug. 1937 (Bond & de Schauensee, 1942b:313, as "La Cocha").

ALISANI (Remsen, 1984:164); see Alisuni.

ALISUNI; Cochabamba 1654/6640 (USBGN)
2,800? m (Remsen, 1984:165); in northwestern Cochabamba, NW of city of Cochabamba [1724/6609 (USBGN)] and near Cocapata [1657/6643 (USBGN)]; not shown on maps available to us; collector?, date? (Remsen, 1984:165, as "Alisani").

ALMONA Not located
Créqui-Montfort, 1903? (Menegaux, 1909:210).

ALTO MADIDI; La Paz 1340/6900 (Parker, et al., 1991:121)
Alt.?; logging camp on S bank of Río Madidi [1232/6652 (USBGN)] opposite mouth of Río Enatagua [not located], tall evergreen forest, Parker and Castillo, 15 May-1 June, Parker, et al., 20 June 1990 (Parker, et al., 1991:120, 126); in lowlands of northern La Paz, close to Peruvian border; not indicated on our maps

ALTO PALMAR; Cochabamba Not located
1,000-1,400 m, in Provincia Chaparé [1630/6530 (USBGN)], northern Cochabamba, F. Steinbach, May, July, Nov., 3, 15 Dec. 1954 (Berlioz, 1959:218; Remsen, et al., 1986:25; 1987:12); collector? [F. Steinbach?], at 1,100 m, 26 Sept. 1940, 20 April 1951, and 30 Nov. 1956 (Remsen & Ridgely, 1980:72); Steinbach, 28 Feb., 10 April 1940, 5 Dec. 1950, 1-2, 13 May 1960 (Remsen, et al., 1982:78; 1985:125; 1986:26; 1987:14); seems to be indistinguishable from Palmar [1706/6529 (USBGN)], which see.

AMBARO, CERRO DEL (USNM); see Amboró, Cerro.

AMBERI, CERRO DEL (Hellmayr, 1942:8); see Amboró, Cerro.

AMBERO, CERRO DEL (Todd, 1929:24); see Amboró, Cerro.

AMBORÓ, CERRO; Santa Cruz 1744/6339 (USBGN)
1,718 m, ca. 40 km WSW of city of Santa Cruz [1748/6310 (USBGN)] (MHA); J. Steinbach, at 2,000 ft [600 m], 24 Mar., 19, 21-23 Oct. 1916 (FMNH; Todd, 1919, Proc. U. S. Nat. Mus., **74**:24,

as "Cerro del Ambero"; 1942, Ann. Carnegie Mus., **33B**:3, as "Cerro del Amboró"; USNM, as "Cerro del Ambaro"; Remsen, et al., 1986:30, as "Río Isamá, Cerro Amboró"; 1987:14, 15); Hellmayr, 1942, Field Mus. Nat. Hist. Publ., Zool. Ser., **13**, pt. 1, p. 8, as "Cerro del Amberi"; see, also, Amboró, Parque Nacional and Isamá, Quebrada.

AMBORÓ, CERRO DEL (Todd, 1942:3); see Amboró, Cerro.

AMBORÓ, PARQUE NACIONAL; Santa Cruz ca. 1750/6339 (Parker, et al., 1992:173)
Alt.?; 180,000 ha park, in foothills of central western Santa Cruz, S of Buena Vista [1727/6340 (USBGN)], extending S to latitude 17° 51'S, and on W and E to Río Yapacani [1600/6425 (USBGN] and Río Surutú [1724/6351 (USBGN)], Cox and Clarke, 22 Oct. 1987-Dec. 1988 (Cox & Clarke, 1988a; 1988b); Parker, et al., above upper Río Saguayo [Quebrada Saguayo, 1757/6345 (USBGN)], at 700-900 m, 16-19 Aug. 1989 (Parker, et al., 1992:173-174); see, also, Saguayo, Quebrada.

ANDAKARE; Oruro Not located
Alt.?; in Provincia Carangas [1835/6800 (USBGN)], central western Oruro, puna, arid, stony, thola shrubs, tussock grass, Cabot, 20 Aug. 1984 (Cabot & Serrano, 1989:189; Cabot, 1991:203).

ANDRÉS IBÁÑEZ, PROVINCIA; Santa Cruz 1745/6315 (USBGN)
Province in northwestern Santa Cruz; F. Steinbach, 30 April 1932, 15 May 1934, 20, 30 Mar., 5, 7, 15, 20, 25, 29-30 April, 15, 30 May, 15 June, 15 July, 4 Aug. 1937, 25 April 1938, 30 June 1947 (FMNH, as "Cercado, Santa Cruz"; **note:** *25 April, 15 June, 15 July, and 4 Aug. 1937 are also Steinbach dates for Cercado [=Cochabamba], Cochabamba*).

ANGOSTURA; Santa Cruz 1809/6331 (USBGN)
800 m (Remsen, et al., 1985:125); on lower slopes of mountains of western Santa Cruz, 42 km E of Samaipata [1809/6352 (USBGN)] (MHA); Steinbach, 15, 18 June, 8 July 1955 (Remsen, et al., 1985:125; 1986:25, 29).

ANGOSTURA, LAGUNA DE LA; Cochabamba 1733/6603 (USBGN)
Alt.?; ca. 25 km SE of city of Cochabamba [1724/6609 (USBGN)], Dott, several times including 13 Dec. 1969 (Dott, 1984:107); not shown on maps available to us; see, also, La Angostura.

ÁNIMAS (Cabot & Serrano, 1986:171); see Animas, Alto de.

ÁNIMAS, ALTO DE LAS (MHA); see Animas, Alto de.

ÁNIMAS, ALTO DE; La Paz. 1633/6802 (USBGN)
4,864 m, 15 km ESE of La Paz [1630/6809 (USBGN) (MHA, as "Alto de Las Animas"); in Provincia Murillo [1620/6800 (USBGN)], mesothermic, observer?, at 3,700 m, 13 Nov., 9 Dec. 1983 (Cabot & Serrano, 1986:171, as "Animas"; Cabot, 1991:202, as "Animas"); Cabot (loc. cit.) indicates the locality is 4 km SW of La Paz; thus there may be two localties with similar names that are close together.

ANISER, RÍO (Bond & de Schauensee, 1942b:378); see Quizer, Río.

APOLLO (Sclater & Salvin, 1876b: 352); see Apolo.

APOLO; La Paz 1443/6831 (USBGN)
1,440 m, in north-central La Paz at head of Río Turiapo [1451/6831 (USBGN)], 125 km NE of Lago Titicaca [1548/6924 (USBGN)] (MHA); d'Orbigny, 1830? (d'Orbigny, 1847a, p. 276, as "Apolobamba"); Buckley, 1875 (Sclater & Salvin, 1876b:352, as "Apollo; 1879:600, as "Apolobamba").

APOLO, RÍO; La Paz 1446/6827 (USBGN)
Apparently a small tributary of Río Turiapo [1451/6831 (USBGN)], S of Apolo [1443/6831 (USBGN)], western central La Paz; not shown on our maps; collector?, date? (Zimmer, 1950, Amer. Mus. Novit., no. 1474, p. 12, as "Río Apolobamba").

APOLOBAMBA (Sclater & Salvin, 1879:600); see Apolo.

APOLOBAMBA, RÍO (Zimmer, 1950:12); see Apolo, Río.

ARACA MINE (FMNH); see Viloco.

ARALAGUNA; see Khara, Laguna.

ARANI; Cochabamba 1734/6546 (USBGN)
ca. 2,750 m, central Cochabamba, 47 km SE of city of Cochabamba [1724/6609 (USBGN)] and 8 km E of Punata [1733/6550 (USBGN)] (MHA); d'Orbigny, 23 Oct. 1830 (d'Orbigny, 1839-1843, p. 487; 1846, p. 153); F. Steinbach, 30 Mar., 23 July 1920 (CM), 4-8, 10,

13-15 Feb., 4 Mar. 1927, 18 July 1928, 6 Nov. 1937, 28 Mar. 1938, 14-15 Feb., 14 Dec. 1939, 9, 18 Nov., 5-6, 8, 10, 12, 15, 17, 19-20, 22, 24, 26, 28 Dec. 1940 (FMNH, once as "Cochatta [not located], Arani"); Fjeldså, at 3,200 m, 15-16 April 1987 (Cabot, 1991:202); Fjeldså, et al., on plains between Cochabamba and Arani, at 2,500 m, 15 April and SE of Arani, camping in arid, stony region with small fields at 3,200 m, 15-16 April 1987 (Fjeldså, 1987:36).

AROMA, PROVINCIA; La Paz 1730/6830 (USBGN)
Province S and E of city of La Paz [1630/6809 (USBGN)] extending from the altiplano to drainage of upper Río Beni [1023/6524 (USBGN)] (MHA); formerly Provincia Sicasica; d'Orbigny, ca. 10-17 Sept. 1830 (d'Orbigny, 1839-1843, pp. 454-461, as "Provincia Sicasica"); see, also, Sicasica.

ARQUE; Cochabamba 1748/6623 (USBGN)
2,700 m, in mountains of western Cochabamba, 50 km SSW of city of Cochabamba [1724/6609 (USBGN)] (MHA); Cherrie, 5 Feb. 1915, Steinbach, 6 Nov. 1937 (FMNH).

ASTILLERA (Chubb, 1919:5); see El Astillero.

ASTILLERO (Niethammer, 1956:122); see El Astillero.

ASUNCIÓN; Cochabamba Not located
Alt.?; village in the headwaters of Río Chaparé [1558/6442 (USBGN)], probably in vicinity of lower Río Coni [1651/6508 (USBGN)] (see under Chaparé, Río), d'Orbigny, 2-4 June 1832 (d'Orbigny, 1846, pp. 157-159; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 141).

ASUVI; Santa Cruz Not located
Alt.?; central western Santa Cruz, NE of Buena Vista [1727/6340 (USBGN)], Dott, 1969-1975 (Dott, 1986:135).

ATÉN; La Paz 1455/6823 (USBGN)
1,400 m, north-central La Paz, on eastern slope, 27 km SE of Apolo [1443/6831 (USBGN)] (MHA); Williams, 6, 20 Aug. 1902 (Chapman, 1926a:99, as "Atten"; 1930:88, as "Atten"; Krabbe, 1984, as "Atten").

ATTEN (Chapman, 1926:99); see Atén.

AULLAGAS (Chubb, 1919:289); see Pampa Aullagas.

AYOAYO; La Paz 1705/6800 (USBGN)
3,950 m, central southern La Paz, 57 km E of Corocoro [1712/6829 (USBGN)] (MHA); d'Orbigny, 18 April 1833 (d'Orbigny, 1846, p. 334; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 142).

AYOPAYA, PROVINCIA; Cochabamba 1630/6635 (USBGN)
Province in northwestern Cochabamba, in the Yungas [1620/6645 (USBGN)] region; d'Orbigny, 19-21 Sept. 1830 (d'Orbigny, 1839-1843, pp. 462-470, as "Ayupaya"; 1846, pp. 150-151, as "Ayupaya"; Sclater & Salvin, 1879:595, p. 604, as "Ayupaya"); most collecting done around Palca [=Independencia, 1707/6653 (USBGN)], the capital; Paynter, et al., 1975:4, as "Ayopayo"; not shown on our maps; also see Independencia.

AYOPAYO (Paynter, et al., 1975:4); see Ayopaya, Provincia.

AYUPAYA (Sclater & Salvin, 1879:604); see Ayopaya, Provincia.

AZERO, RÍO (Bond & de Schauensee, 1942b:309); see Azuero, Río.

AZUERO, RÍO; Chuquisaca 1912/6357 (USBGN)
Affluent of upper Río Grande [1551/6439 (USBGN)] rising in north-central Chuquisaca, S of Padilla [1919/6420 (USBGN)] (MHA); Carriker, near river and E of Padilla, at 4,000 ft [1,200 m], 21-28 Nov. 1936 (Bond & de Schauensee, 1942b:309, as "Río Azero"); Crossin, 70 km SE, at 3,600 ft [1,100 m], in forests along river, 20 Nov. 1972 (FMNH).

BAGANTI; La Paz ca. 1515/6815?
Alt.?; presumably near Río Baganti [1515/6815 (USBGN)] and Mapiri [1515/6810 (USBGN)], ca. 150 km NE of Lago Titicaca [1548/6924 (USBGN)]; not on our maps; Buckley, 1875 (Sclater & Salvin, 1879:591).

BAHIA NEGRA (Grant, 1911:96); Bolivia; now in Paraguay; see *Puerto Bahía Negra* in gazetteer for Paraguay (Paynter, 1989, *Ornithological Gazetteer of Paraguay*, 2nd ed.)

BAJO CHORO (Remsen, 1984:173); see El Choro.

BAJO PALMAR; Cochabamba Not located
600 m, in Provincia Chaparé [1630/6530 (USBGN)], Steinbach, 8 May 1940, 30 Mar. 1958 (Remsen, et al., 1985:127; 1986:28); seems to be indistinguishable from Palmar [1706/6529 (USBGN)], which see.

BALA; El Beni 1430/6737 (USBGN)
ca. 225 m, gorge on upper Río Beni [1023/6524 (USBGN)], ca. 10 km upriver from Rurrenabaque [1428/6734 (USBGN)] (MHA, as "Encañada de Bala"); Niethammer, 7-10, 26-27 Sept. 1951 (Niethammer, 1953:198; 1956:113, 115).

BALA, ENCAÑADA DE (MHA); see Bala.

BASILIO; Santa Cruz 1808/6319 (USBGN)
703 m, southwestern Santa Cruz, 40 km SSW of city of Santa Cruz [1748/6310 (USBGN)] (MHA); Steinbach, 20 Sept. 1915 (CM, also as "Monte de Basilio"; Todd, 1926, Ann. Carnegie Mus., **17**:54, as "Portrero de Basilio"); Remsen, 1986:26, as "Monte Basilio")..

BASILIO, MONTE (Remsen, 1986:26); see Basilio.

BASILIO, MONTE DE (CM); see Basilio.

BASILIO, PORTRERO DE (Todd, 1926:54); see Basilio.

BATO; El Beni Not located
Alt.?; on Río Negro [1329/9344 (USBGN)], 150 m km NNE of Trinidad [1447/6447 (USBGN)], Olrog, 16 Sept. 1960 (Olrog, 1963b:87); seemingly in vicinity of Baures [1335/6335 (USBGN)] in eastern El Beni.

BAURES, RÍO; El Beni 1230/6418 (USBGN)
Tributary of Río Iténez [or Rio Guaporé, 1154/6501 (USBGN)] rising in eastern El Beni and flowing NW to meet the Iténez about in the middle of the northern border of El Beni (MHA); Cuello, at mouth, 30 Aug. 1964 (Remsen, et al., 1987:8; Parker, et al., 1991:125).

BELLA VISTA; Chuquisaca ca. 1840/6417
Alt.?; extreme northeastern Chuquisaca, on upper Río Grande

[1551/6439 (USBGN)], near Pucará [1843/6411 (USBGN)], Miller, Oct. or Nov. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 344).

BELLA VISTA; Cochabamba Not located
Alt.?; in northwestern Cochabamba, 25 km N of Quillacollo [1726/6617 (USBGN)], collector?, date? (Remsen, 1990:375).

BELLA VISTA; La Paz 1520/6813 (USBGN)
1,400 m (Chubb, 1919:288); 10,000 ft [3,050 m]? (Bond & de Schauensee, 1942b:309); central La Paz, 10 km SSW of Mapiri [1515/6810 (USBGN)] (MHA); Buckley, 1875? (Sclater & Salvin, 1879:628); Simons, 25 Aug., 10 Oct. 1900 (Chubb, 1919:5, 289); Remsen, at 1,100 m, 9 July 1981 (Remsen, et al., 1985:127).

BELLA VISTA, SERRANÍA; La Paz Not located
1,625 -1,650 m, in eastern central La Paz, Parker, Remsen, et al., 35-38 km by road N of Caranavi [1546/6736 (USBGN)], at 1,650 m, 9-16 June, at 1,675 m, 10 June, 1-2 July, and 3 km farther S, at 1,650 m, 26-27 June 1979 (Parker, Remsen, & Heindel, 1980:160-161; Remsen, Parker, & Ridgely, 1982:80; Remsen, 1984:166); Remsen, et al., 47 km by road N of Caranavi, at 1,350 m, 10 July-2 Aug. 1980 (Cardiff & Remsen, 1981:305; Graves, Robbins, & Remsen, 1983); Parker and Rowlett, ca. 48 km by road N of Caranavi, at 1,100 m, 21 Oct. 1983 (Parker & Rowlett, 1984:110), see, also, Caranavi.

BENI (Niethammer, 1956:86); see Rurrenabaque.

BENI, RÍO; La Paz/El Beni/Pando 1023/6524 (USBGN)
Major tributary of Río Madera [0322/5845 (USBGN)] rising in the Yungas [1620/6645 (USBGN)] of eastern La Paz, with the upper portion providing part of the border between La Paz and El Beni and the lower portion the border between El Beni and Pando (MHA); Rusby, where? July 1886, on lower part, 8 Aug. 1886, July 1888 [=1886?] (Allen, 1889:78, 82); see, also, Rurrenabaque and Puerto Salinas.

BERMEJO; Santa Cruz ca. 1810/6336 (ONC)
ca. 1,000 m, on Río Bermejo [2651/5827 (USBGN)], 58 km SW of city of Santa Cruz [1748/6310 (USBGN)], in central eastern part of department (ONC); Miller, Oct. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 337, as "Vermejo"); Steinbach, 2 Nov. 1919 (Remsen,

et al., 1986:32); Todd, 1922, Proc. Biol. Soc. Washington, **35**:191, as "Vermejo, Santa Cruz"; F. Steinbach, 15 Nov. 1936 (FMNH).

BERMEJO; Tarija 2210/6442 (USBGN)
1,350 ft [400 m] (Bond & de Schauensee, 1942a:1); southern Tarija, on uppermost Río Bermejo [2651/5827 (USBGN)] and Argentina border (MHA); Carriker, 7-15 Sept. 1936 (Bond & de Schauensee, 1942b:310); Nores and Yzurieta, at 480 m, late Oct. 1982 (Nores & Yzurieta, 1984:329),

BERMEJO, RÍO; Chuquisaca Not located
Hellmayr (Field Mus. Nat. Hist. Publ., Zool. Ser., **13**, pt. 11, p. 409); probably an error for Río Bermejo [1651/5817 (USBGN), Tarija.

BERMEJO, RÍO; Santa Cruz 1722/6321 (USBGN)
Small river rising on slopes of western central Santa Cruz, E of Samaipata [1809/6352 (USBGN], and flowing E and then N, a short distance W of city of Santa Cruz [1748/6310 (USBGN)], to meet Río Piray [1632/6345 (USBGN)] (MHA); F. Steinbach, at 450 m, 18-19 Nov. 1936 (FMNH).

BETANZOS; Potosí 1934/6527 (USBGN)
3,407 m, eastern Potosí, 30 km E of city of Potosí [1935/6545 (USBGN)] (MHA); Nores and Yzurieta, at 3,316 m, late Oct. 1982 (Nores & Yzurieta, 1984:329).

BISCACHAL (Sclater & Salvin, 1879:593); see Viscachalani, Cerro de.

BLANCA, RÍO (Chubb, 1919:8); see Blanco, Rio; La Paz.

BLANCO, CERRO; Cochabamba ca. 1715/6630 (Gyldenstolpe, 1945:map)
Alt.?; highest mountain in Cordillera del Tunari [1719/6610 (USBGN)], 50 km WNW of Cochabamba [1724/6609 (USBGN)], Olalla, at 3,800 m, stony puna with some cultivation, 11-13 June 1938 (Gyldenstolpe, 1945:map; Fjeldså & Krabbe, 1989:322).

BLANCO, RÍO; El Beni/Santa Cruz ca. 1307/6348 (ONC)
Rises in northwestern Santa Cruz and flows NNW into easternmost El Beni to join Río San Martín [1803/6343 (USBGN)] at Bella Vista [1307/6348 (USBGN)] to become Río Baures [1230/6418 (USBGN)], a tributary of Rio Guaporé [or Río Iténez, 1154/6501 (USBGN)]

(ONC); USBGN gives same coordinates [1230/6418] for both Río Blanco and Río Baures; MHA roughly agrees with ONC; d'Orbigny, 1831-1832 (d'Orbigny, 1846, p. 221; Sclater & Salvin, 1879:614, as "Rio Blanco, Prov. Moxos"); also see Hosane, Cerro and El Carmen.

BLANCO, RÍO; La Paz Not located
Simons, at 1,000 and 1,300 m, 28 May-4 July 1901 (Chubb, 1919:5, 277, p. 8, as "Rio Blanca"); Simons was at Charuplaya [not located, but possibly associated with Río Charopaya, 1712/6658 (USBGN), S of Inquisivi, 1658/6710 (USBGN)], from 18 May to 22 June, so the river presumably is in the vicinity; see Charuplaya.

BOLINDA (Remsen, et al., 1982:78); see Caranavi.

BOLÍVAR; Cochabamba Not located
2,500 ft [750 m], in Yungas [1620/6645 (USBGN)], in hills near Palmar [1706/6529 (USBGN)], Howes, 20 July 1937 (Bond & de Schauensee, 1939b:1); Palmar, which is shown too far E on MHA, is NE of city of Cochabamba [1724/6609 USBGN)]; Carriker, 12 Mar. 1915 (FMNH, as "Bolivia, Cochabamba, Bolivia").

BOLIVIA; Cochabamba (FMNH); see Bolívar.

BOLIVIA, LAGUNA; El Beni Not located
Alt.?; on Río Ichoa [1544/6515 (USBGN)], Provincia Moxos [1510/6530 (USBGN)], southernmost El Beni, collector?, date? (Remsen, et al., 1990:377).

BOYUIBE; Santa Cruz 2025/6317 (USBGN)
2,789 ft [850 m] (ONC); in southwestern corner of Santa Cruz at edge of mountains, 80 km NNE of Villa Montes [2115/6330 (USBGN)] (MHA); Steinbach, Oct. 1915, 23 Dec. 1916 (CM; Todd, 1942, Ann. Carnegie Mus., **29**:370, as "Buyuivi, southern Chuquisaca"); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329); Ridgely, NE of Boyuibe, 2 May 1977 (Remsen & Ridgely, 1980:69).

BRESTA; El Beni ca. 1435/6720 (Gyldenstolpe, 1945:map)
196 m, small estancia 16 km SW of El Consuelo [ca.1420/6715 (Gyldenstolpe, 1945:map)] and ca. 25 km E of Puerto Salinas [1420/6733 (USBGN)], on right side of upper Río Beni [1023/6524 (USBGN)], pampas with small patches of forest, dry in vicinity of camp but swamps to the W, Olalla, 14 Jan.-7 Feb., Acho, ca. 11

Feb.-21 May 1938 (Gyldenstolpe, 1941:10; 1945:16-18, 32, 37, 42, map).

BRUEYES (Niethammer, 1953a:201); see Bueyes.

BUEN RETIRO; Santa Cruz Not located
Alt.?; short distance N of Buena Vista [1727/6340 (USBGN)], central western Santa Clara, Dott, 1975 (Dott, 1986:134, 135).

BUENA VISTA; Santa Cruz 1727/6340 (USBGN)
ca. 400 m, in central western Santa Cruz in Provincia Ichilo [1700/6400 (USBGN)], on Río Surutú [1724/6351 (USBGN)], 64 km NW of city of Santa Cruz [1748/6310 (USBGN)] (MHA); J. Steinbach, 12, 18 Oct. (Todd, 1928, Ann. Carnegie Mus., **18**:351, 356), 4 Dec. (Remsen, et al.,1986:26) 1909, 6 June (Remsen, et al., 1987:13), 8, 10-11, 13 July (Todd, 1913, Proc. Biol. Soc. Washington, **26**:170, 174; Ann. Carnegie Mus., **18:**348; Remsen, et al., 1985:126; MCZ; Remsen, et al, 1986:30), 11 Aug. (Remsen, et al.,1985:129), 8 (Remsen, et al., 1986:25), 13 Sept. (MCZ), 8 Dec. 1910 (Remsen, et al., 1985:127), 11 July 1911 (FMNH), 25 Jan. (Todd, 1928, Ann. Carnegie Mus., **18**:363), 28 Mar. (Remsen, et al., 1987:15), 5 Aug. (Remsen & Traylor, 1983:97), 8 Dec. 1912 (Remsen, et al., 1986:28), 13 July, 12 (Remsen, et al., 1987:9, 11), 28 Aug., 29 Oct. 1913, 29 Aug. (Todd, 1947, Proc. Biol. Soc. Wash., **60:**67), 21 Sept. (Remsen, et al., 1987:9, 11), 30 Oct. (Remsen & Traylor, 1983:97), 4-5 Nov. 1914 (Remsen, et al., 1986:25; 1987:12); 17 Jan. (MCZ), 15 (FMNH), 27-28 Feb. (Remsen, et al., 1987:9, 10), 15, 25 May (Remsen, et al., 1987:8, 11), 11 (Remsen, et al., 1986:26), 16 (Remsen, et al., 1987:8), 21 June (Todd, 1921, Proc. Biol. Soc. Washington, **34**:180), 14 Aug. 1915 (Todd, 1917:4), 25 Mar. (Remsen, et al., 1985:126), 25 May (Partridge, 1954, Rev. Inst. Nac. Inves. Cienc. Nat. y Mus. Argent. Cienc. Nat. "Bernadino Rivadavia", 3(2):109), 30 May (Orfila, 1936, Hornero, **6:**224), 1 (MCZ), 2, 30 July (Remsen, et al., 1987:14), 8 (Remsen, et al., 1986:28), 14 Aug. (Remsen, et al., 1987:8), 8 (Partridge, 1954, op. cit., p. 101), 23 Dec. 1916 (Orfila, 1938, Hornero, **7**:8); 2 (Remsen, et al., 1985:126), 27 Jan. (Remsen & Traylor, 1983:97), 24 April, 28 Sept., 2 (Remsen, et al., 1986:23, 29, 30), 9 Oct. 1917 (Remsen, et al., 1987:9), 3 May 1919 (MCZ), 26 Jan. 1920 (Ingels, Parkes, & Ferrand, Jr., 1981, Gerfaut, **71**:284), 8 Jan., 5 Feb., 30 Mar., 5 April, 2 May, 3, 10 June, 4 July, 28 Aug. 10, 25 Sept., 10 Oct., 11, 29 Nov., 4, 29-30 Dec. 1922 (FMNH; Ingels, Parkes, & Farrand, Jr., 1981, Gerfaut, **71:**284;

MCZ; Remsen, et al., 1986:23; 1987:11), 30 Jan. (Remsen, et al., 1986:25), 14-15 April, 7, 18-19, 27 May, 9-12, 15-19 (FMNH), 20 June (Remsen & Traylor, 1983:97), 3-5, 9, 12, 16, 25, 27, 31 July, 1-3, 5-7, 9, 11-12, 15, 24-26, 28, 30 Aug., 1, 4, 10-11, 14-16, 18-19, 22-24, 26, 28-19 Sept., 2-6, 8-11 Oct., 2, 5, 11 Dec. 1923, 20, 29, 31 Jan., 2-3, 8, 10, 12, 14, 20-21, 26-27 Feb. (FMNH), 2 (Remsen, et al., 1986:32), 4, 7, 12, 26, 30-31 Mar., 1-2, 10-13, 20, 24-25, 29 April, 2, 23, 25, 30 May, 4, 14-16, 18-19, 22, 24-26, 29-30 June, 1 July, 10-11, 15, 20 Nov. 1924, 25 May, 15, 22, 25, 28 June, 5, 13, 20, 22, 25, 28 July, 8 Aug., 2 (FMNH), 5 (Remsen, et al., 1985:129), 12, 14-16, 20 Nov., 22, 28-29 Dec. 1925, 8, 15 (FMNH), 20 (Remsen, et al., 1986:25), 28 (FMNH), 30 Jan. (Remsen & Ridgely, 1980:69), 4-5 (FMNH), 8, 15 (Remsen, et al., 1986:26, 30), 19 Mar., 25, 27-28 May (FMNH), 7 June (Niethammer, 1956:119), 2, 7-8, 10, 15, 18, 25, 27 July, 4, 12, 26 Aug., 1, 10, 22 Sept., 4 Oct. 1926, 2, 4, 12, 20, 26 April, 2, 29 May, 4, 7, 15-16, 18, 25-26 June, 2-4, 6, 8, 10, 14, 16, 20 July, 28 Sept., 7, 11, 14, 24, 26 Nov., 4-5, 12, 18 Dec. 1927, 12, 14, Feb., 20, 22, 24, 29 May, 20, 22, 24 (FMNH; Remsen, et al. 1987:9), 25 (Remsen, et al.,1986:26), 29 May, 5, 15, 23, 26-27 July, 4, 8 Aug. 1928 (FMNH), 20 Jan., 20 Feb., 10 Mar., 15 April, 5 Sept. 1929 (Remsen, et al., 1985:126-127, 129), 15 Dec. 1936, 10, 13 (FMNH), 15 (Remsen, et al., 1986:26), 16, 30 June, 12 (Remsen, et al., 1986:31), 15 July, 29 Aug. 1938 (FMNH); collector? [J. Steinbach?], 10 Nov. 1922 (FMNH); F. Steinbach, 11 Sept. 1923, 11 April, 9 July, 14 Nov. 1924, 25 July, 22 Aug., 29 Dec. 1925, 28 Jan., 7, 20, 28 June 1926 (FMNH), 12 (Remsen, et al., 1986:30), 26 April, 4 June, 1-2, 8 July, 3, 12 Dec. 1927, 4, 24 May, 4, 15 June, 28 July, 1 Sept., 10 Nov., 25 Dec. 1928, 19, 28 Feb., 10, 12, 24 Mar., 19 May, 1, 20 June, 10 July (FMNH), 6 Aug. (Remsen, et al., 1987:13), 5 (Remsen, et al., 1985:130), 12 Sept., 30 Oct. (FMNH), 7 Nov. (Remsen & Traylor, 1983:97) 1929, 30 June 1930, 15 May 1934, 10 Jan., 30 Nov., 15, 28, 30 Dec. 1936, 10, 15, 20, 31 Jan., 15, 25 Feb., 12 Aug. 1937, 5, 10, 12-13, 15-16, 18, 20-21, 26, 28, 30 June, 5, 7-8, 10, 12, 15-16, 18, 20, 22, 25, 27-30 July (FMNH), 15 (Remsen, et al., 1986:31), 28, 30-31 Aug., 28, 30 Dec. 1938, 10, 12 Aug., 4-5, 8, 12-14, 16, 25 (FMNH), 30 Sept. (Remsen, et al.,1986:26), 10 Oct 1942, 10 (FMNH), 14 Jan. (Remsen, et al., 1987:12), 20 Feb., 19 Mar. (FMNH), 15 Apr. (WFVZ), 13 (Remsen, et al., 1986:32), 15 Nov. 1943, 10 (FMNH), 18 May, 5 (Remsen, et al., 1987:11, 13), 22, 25 June (FMNH), 15 (Remsen, et al., 1986:30), 22, 30 Aug., 20, 30 Sept., 20 Nov. (FMNH), 12 (Remsen, et al., 1987:11), 25 Dec. 1944 (Remsen, et al., 1985:125), 30 Jan. (WFVZ), 5, 26 Feb.

(Remsen, et al., 1986:25, 32), 10 Mar. (Remsen & Ridgely, 1980:70), 10 (FMNH), 18 May (Remsen, et al., 1986:26), 15, 25, 30 July (WFVZ), 22 Aug. (FMNH), 5 (Remsen, et al., 1986:260), 20 Sept. (FMNH), 10 Oct. 1945, 10, 20 Jan. (Remsen. et al., 1986:28), 15 (WFVZ), 18 Feb., 8 Mar., 7 April (FMNH), 6, 28 (Remsen, et al., 1986:25, 30), 30 May (O'Neill, 1976), 18 June 1946, 24, 30 June, 25 July, 14 Aug., 20 Oct. (FMNH), 20 Nov. (Remsen, et al., 1986:25), 5 Dec. 1947, 25 May, 30 June (FMNH), 10 July (Remsen, et al., 1987:13) 1948; Steinbach, 1941, 28 Dec. 1951 (Remsen, et al., 1986:25, 31), 24 April 1952 (Remsen & Traylor, 1983:97); collector? [Steinbach?], 8 Aug. 1958, 20 Feb. (Remsen & Ridgely, 1980:71, 72), 20 Mar. 1964 (Remsen, et al., 1986:25); Dott, 16-25 Mar. 1975 (Dott, 1985:344); Krieg, in vicinity of Buena Vista and Santa Cruz, 30 July-28 Aug. 1926, with known dates of July?, 8-10, 13 Aug. (Laubmann, 1930: 4, 94, 127, 133, 166); collector?, on Río Macapani [not located], date? (Bond & de Schauensee, 1943:174, as "Buenavista, Rio Macapani, Santa Cruz"); Schmitt, 7 km N and 17 km W, at 353 m, 28 Dec. 1978 (Schmitt, et al., 1986:310), 25, 28 Jan. 1979 (Remsen, et al., 1986:24, 25); see, also, Yapacani, Río; Surutú, Río; Dolores, Río; and Ichilo.

BUEYES; Santa Cruz Not located
Near Santa Cruz de la Sierra [Santa Cruz, 1748/6310 (USBGN)], G. Garlepp, 21 April 1890 (Berlepsch, 1901:90; Niethammer, 1953a:201, as "Brueyes").

BUYUIVI (Todd, 1942:370; see Boyuibe.

CACHI, LAGUNA; Potosí 2144/6757 (Hurlbert, 1978:9)
4,490 m (Hurlbert, 1978:9); 1.4 km^2 lake in southwestern Potosí, ca. 80 km S of Salar de Uyuni [2020/6742 (USBGN)] (ONC, shown but unnamed); Hurlbert, 16 Dec. 1975, 21 Feb 1979 (Hurlbert, 1978:9; 1981:6; Hurlbert & Keith, 1979:331).

CACHIMAYO, RÍO (Chapman, 1926b:4); see Peras Pampa.

CACHIRA; La Paz 1649/6759 (USBGN)
Alt.?; ca. 40 km SSE of La Paz [1630/6809 (USBGN)] (MAPA); Buckley, 1875? (Sclater & Salvin, 1879:627).

CACHUELA ESPERANZA; El Beni 1032/6538 (USBGN)
165 m (Gyldenstolpe, 1941:8); on right bank of lower Río Beni [1023/6524 (USBGN)], 30 km above its confluence with Río Madera [0322/5845 (USBGN)] (MHA, as "Esperanza"); luxuriant vegetation, Olalla, 11-20 Sept. 1937 (Gyldenstolpe, 1941:2, 8; 1945:11, map).

CACHUELITA; Pando Not located
Alt.?; near Río Tahuamanu [1106/6736 (USBGN)], in northwestern Pando, Parker, nearby, 25 June, ca. 2 km W along river, 12 June, Parker, et al., between Filadelfia [1120/6846 (USBGN)] and Cachuelita, 12, 15 June 1986 (Parker & Remsen, 1987:97-98, 104).

CADALLI (MHA); see Cangallo.

CAFECES; Santa Cruz Not located
Alt.?; northeast of Santa Cruz [1748/6310 (USBGN)], about midway between Santa Cruz and Lago Concepción [Laguna Concepción, 1729/6125 USBGN)], said to be equivalent to Monte Grande [not located], which also see, Steinbach, 20 June 1918 (CM; Todd, 1942, Ann. Carnegie Mus. **29**:318, 370).

CAGAPI (Sclater & Slater, 1879:629); see Cayapi.

CAGUARANI Not located
In region of the Yungas [1620/6645 (USBGN)], Buckley, 1875 (Sclater & Salvin, 1879:593, 603, p. 613, as "Carguarani").

CAIHUASI; Oruro 1743/6659 (USBGN)
4,000 m (Cabot, 1991:205); in northeastern Oruro, ca. 30 km NE of city of Oruro [1759/6709 (USBGN)] (Mapa-II, as "Cayhuasi"); puna, dry, rocky, with tussock grass and thola, Cabot, Dec. 1985 (Cabot, 1991:205-206).

CAIZA (Salvadori, 1897:l); see Villa Ingavi.

CAJAPI (Sclater & Salvin, 1879:596); see Cayapi.

CAJUATA; La Paz 1649/6715 (USBGN)
1,817 m, in southeastern La Paz, ca. 100 km ESE of capital (MHA, where too far N); d'Orbigny, ca. 6-9 Sept. 1830 (d'Orbigny, 1839-1843, pp. 450-452, as "Carcuata"; 1847b, map, as "Carcuata"; Sclater & Salvin, 1879:608, p. 593, as "Carcuata").

CALABATEA; La Paz (1) Not located
4,500 ft [1,400 m], on Río Coroico [1527/6750 USBGN)], rainy, foggy, good forest, Carriker, 9 July, 7-21 Nov. 1934 (Carriker, 1935:317; Bond & de Schauensee, 1942a:310); there is another site bearing this name in La Paz at 1445/6833 (Parker, et al., 1991:121), which see.

CALABATEA; La Paz (2) 1445/6833 (Parker, et al., 1991:121)
1,300-1,600 m, road construction camp ca. 35 km SW of Apolo [1443/6831 (USBGN)], lower montane forest, Parker, et al., 7-12 June and S of camp, ca. 33 km SW of Apolo, 5-7 June 1990 (Parker, et al., 1991:121, 131); not on our maps; not the Calabatea [not located] where Carriker collected in 1934, which see.

CALACOTO; La Paz 1632/6806 (USBGN)
ca. 3,600 m, southeastern suburb of La Paz [1630/6809 (USBGN)]; not shown on our maps; Carriker, 23-28 Jan. 1935 (Bond & de Schauensee, 1942b:310); misidentified by Bond & de Schauensee, loc. cit., as the Calacoto [1718/6839 (USBGN)] in central southern La Paz, 108 km SW of city of La Paz (Vuilleumier, 1969:601); collector ?, 10 Oct. 1979 (Remsen & Traylor, 1983:97); T. and J. Heindel, date? (Remsen, et al., 1986:23).

CALCHANI; Cochabamba 1714/6645 (USBGN)
Alt.?; in mountains of northwestern Cochabamba, ca. 70 km WNW of city of Cochabamba [1724/6609 (USBGN)] and ca. 12 km S of Independencia [1707/6653 (USBGN)]; not indicated on our maps; Boeck, date? (Boeck, 1884:167).

CALIENTE, LAGUNA; Potosí 2136/6751 (Hurlbert, 1981:6)
4,434 m, coined name for lake of ca. 0.2 km^2, NW of Laguna Pastos Grandes [2143/6746 (USBGN)], within "Salar de Pastos Grandes" [see comment under Pastos Grandes, Laguna] in southern Potosí, ca. 30 km from Chilean border, Hurlbert, 21 Feb. 1979 (Hurlbert, 1981:6).

CALIFORNIA; Santa Cruz Not located
4,900 ft [1,500 m], valley near Comarapa [1754/6429 (USBGN)] central Santa Cruz, Miller, Sept. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 331); collector? [Miller?], at 6,600 ft [2,000 m], date? (Todd, 1926, Ann. Carnegie Mus., **17**:65; Zimmer, 1937, Amer. Mus. Novit., no. 930, p. 12).

CALLAPA; La Paz 1729/6824 (USBGN)
ca. 3,900 m, western La Paz, on N bank of Río Desaguadero [1824/6705 (USBGN)], 32 km SSE of Corocoro [1712/6829 (USBGN)] (MHA); Fjeldså, et al., at bridge, 28 April 1987 (Fjeldså, 1987:40).

CALLIPAMPA; Oruro ca. 1835/6657
12,200 ft [3,700 m], on eastern shore and northern end of Lago de Poopó [1845/6707 (USBGN)], between Pazña [1836/6655 (USBGN)] and Poopó [1823/6659 (USBGN)], rocky outcrops, low bushes, bunch grass, Carriker, 30 May-10 June 1936, 6-13 Mar. 1938 (Bond & de Schauensee, 194la:2; 1941b:310).

CALUYA (Todd, 1942:370); see Caluyo.

CALUYO; Cochabamba 1713/6601 (USBGN)
Alt.?; short distance NE of Cochabamba [1724/6609 (USBGN)]; not found on our maps; Steinbach, 20 April 1920 (CM; Todd, 1942, Ann. Carnegie Mus., **29**:370, also as "Caluya").

CAMACHO (FMNH); see Pacajes.

CAMARAPA (FMNH); see Comarapa.

CAMARGO; Chuquisaca 2039/6513 (USBGN)
2,406 m (Nores & Yzurieta, 1984:329); in extreme southwestern Chuquisaca, very close to border with Tarija, 130 km SE of Potosí [1935/6545 (USBGN)] (MHA; MAPA-II); collector?, date? (Gyldenstolpe, 1945:235); Dott, ca. 1974 (Dott, 1986:133); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329); Crossin, 27 km SE of Carmargo and 18 km W of Culpina [2050/6458 (USBGN)], at 9,600 ft [2,900 m], 4-7 Feb. 1973 (FMNH); Paynter, et al., (1975:8) erroneously placed in Tarija; also see Culpina.

CAMARPA (FMNH); see Comarapa.

CAMATINDI; Chuquisaca 2059/6326 (USBGN)
ca. 500 m, extreme southeastern Chuquisaca, nearly on Tarija border (MHA); Schmitt, 11 May 1979 (Schmitt & Schmitt, 1987:130); Schmitt and Cole, ca. 28 km by road N of Camatindi, 11 May 1979 (Schmitt & Cole, 1981, with latitude once erroneously given as 2146).

CAMINO MUCDEN; see Cobija.

CAMIRI; Santa Cruz 2006/6332 (USBGN)
2,859 ft [850 m], in extreme southwestern corner of depart-ment, on outskirts of Choreiti [2001/6332 (USBGN)] (ONC); Nores and Yzurieta, 811 m, late Oct. 1982 (Nores & Yzurieta, 1984:329); Ridgely, N of Camiri, 1 May 1977 (Remsen & Ridgely, 1980:69).

CAMPAMENTO CHIMORÉ; Cochabamba 1642/6449 (USBGN)
ca. 300 m, extreme eastern Cochabamba, on right bank of Río Chimoré [1643/6449 (USBGN)], 22 km ESE of Todos Santos [1648/6508 (USBGN)] (MHA); Bridges, ca. 1845-1847 (Sclater & Salvin, 1879:590, 633, as "Chimoree").

CAMPAMENTO 6 AGOSTO; El Beni Not located
800 m, in humid forest of foothills in Provincia General Ballivián [1400/6705 (USBGN)], on upper Río Beni [1023/6524 (USBGN)], collector?, 3 Nov. 1985 (Cabot & Serrano, 1988:189); Cabot and Serrano (loc. cit.) give coordinates of 1530/7510; the longitude is obviously erroneous.

CAMPERO (Cabot, 1991:205); see General Campero.

CAMPO GRANDE, LAGUNA; Potosí 2233/6712 (Hurlbert, 1978:14)
ca. 4,550 m, small lake in southernmost Potosí, Hurlbert, 2 Dec. 1977 (Hurlbert, 1978:14); locality not shown on our maps.

CAMP WOODS (Zimmer, 1941:17); see Gutiérrez, Provincia.

CAÑADA LARGA; Santa Cruz 1734/6232 (USBGN)
Alt.?; ca. 75 km ENE of city of Santa Cruz [1748/6310 (USBGN)] (MAPA-II; MHA, as "Caña Larga" and too far S and E); Krieg, 30 Aug. 1926 (Laubmann, 1930:80).

CAÑAHUMA, LAGUNA; see Ulla Ulla, Reserva Nacional de.

CAÑA LARGA (MHA); see Cañada Larga.

CAÑAPA, LAGUNA (Hurlbert, 1978:9); see Cañapa, Laguna de.

CAÑAPA, LAGUNA DE; Potosí 2129/6803 (USBGN)
4,140 m (Hurlbert, 1978:9); small lake 68 km S of Salar de Uyuni [2020/6742 (USBGN)] and 18 km E of Chilean border, southwestern

Potosí (MHA); Hurlbert, 17 Dec. 1975, 18 July, 12 Dec. 1976, 24 Nov. 1977, 20 Dec. 1978, 23, 13 Feb. 1979, 11 July 1980 (Hurlbert, 1978:9, 11, 13, 14, as "Laguna Cañapa"; 1981:6, 9, as "Laguna Cañapa"; Hurlbert & Keith, 1979:331, as "Laguna Cañapa"; Hurlbert, et al.,1984:50, as "Laguna Cañapa").

CANDADO, RÍO; see Monte Bello.

CANDADO CHICO, QUEBRADA; see Monte Bello.

CANGALI (Sclater & Salvin, 1879: 595); see Cangallo.

CANGALLO; La Paz 1531/6757 (USBGN)
Alt.?; in the Yungas region [1620/6645 (USBGN)], central La Paz, ca. 30 km SE of Mapiri [1515/6810 (USBGN)], near Tipuani [1533/6800 (USBGN)]; not shown on our maps; MHA has a "Cadalli" at roughly the correct position, but this name does not appear in USBGN; Buckley, 1875 (Sclater & Salvin, 1879:595, as "Cangali").

CANTO MONTE, CERRO; Cochabamba Not located
Alt.?; presumably in central Cochabamba, Fjeldså, et al., in pass at 4,000 m, dry, stony, a few small bogs, and between here and Mizque [1756/6519 (USBGN)], at 3,600-3,800 m, dry, stony, scattered scrub, 17 April 1987 (Fjeldså, 1987:36).

CAÑUMA, LAGUNA (Serrano & Cabot, 1988); see Ulla Ulla, Reserva Nacional de.

CAPARI; see Finca Capiri.

CAPARUCH, SERRANíA; Santa Cruz 1433/6111 (Cabot & Serrano, 1988:191)
Alt.?; in extreme northeastern part of department, in Provincia Velasco [1530/6100 (USBGN)], collector?, 16 Aug. 1986 (Cabot & Serrano, 1988:191); does not appear on the maps available to us.

CAPIÑATA; La Paz 1708/6702 (USBGN)
ca. 2,000 m, southeastern La Paz, ca. 20 km SE of Iquisivi [1708/6702 (USBGN)] (MHA, where shown too far N); d'Orbigny, 15 Sept. 1830 (d'Orbigny, 1839-1843, p. 457; 1846, p. 149; Sclater & Salvin, 1879:621).

CAPINOTA; Cochabamba 1743/6614 (USBGN)
2,438 m, western central Cochabamba, 35 km SSW of city of Cochabamba [1724/6609 (USBGN)]; Steinbach, 5 Nov. 1937 (FMNH).

CAPIRE (MHA); see Finca Capiri.

CAPIRENDA; Tarija 2108/6300 (LACMNH)
ca. 500 m, on edge of mountains and the chaco, northeastern Tarija, nearly on the Chuquisaca border, 55 km ENE of Villa Montes [2115/6330 (USBGN)] (MHA; ONC); Bromley, 24 Aug., 22, 24 Oct., 15 Nov., Stager, 15 May, 9, 12, 15, 24 July, 7 Aug., Stager and Bromley, 12 July, Stager, 5 km N, 9 July, Bromley, 8 km N, 20 Sept., Bromley, 5 km NNE, 22 Oct., Stager, 5 km NE, 4 Aug., Bromley, 7 km NE, 26, 31 Aug., 16 Oct., Stager, 7 km NE, 1 Aug., Stager, 15 km NE, 18 July, Bromley, 5 km SE, 14 Nov., Bromley, 7 km SE, 7 Nov., Bromley, 10 km SE, 20 Aug., Bromley, 12 km SE, 5-6 Sept., Bromley, 13 km SE, 20 Aug., Stager, 15 km SE, 15 July, Bromley, 15 km SE, 20 Aug., Bromley, 10 km SW, 22, 29 Oct., Bromley, 12 km SW, 4-6, 9, 20, 24, 28 Sept., Bromley, 15 km SW, 20 Sept., Bromley, 2 km W, 20 Nov., Bromley, 3 km NW, 11-12, 1-23, 25 Aug., 22 Oct., Bromley, 7 km NW, 1, 26 Aug., 22 Sept., 23-24 Nov., Stager, 7 km NW, 1 Aug. 1957 (LACMNH).

CAPIRI, FINCA; see Finca Capiri.

CARACOLLO; Cochabamba (Chubb, 1919:5); see Caracollo; Oruro.

CARACOLLO; Oruro 1739/6710 (USBGN)
3,840 m, in northeastern corner of department, on railroad 40 km NNW of city of Oruro [1759/6709 (USBGN)] (MHA); d'Orbigny, 15-16 April 1832 (d'Orbigny, 1846, p. 332; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 142); Simons, at 4,000 m, 15 Mar. 1901 (Chubb, 1919:5, as "Caracollo, Cochabamba"); puna, stony, thola, tussock grass, Cabot, April 1983, 16 Mar. 1984, 5 May 1985 (Cabot & Serrano, 1986:171; Cabot, 1991:203, 205); Fjeldså, et al., E of Caracollo on road to Cochabamba [1724/6609 (USBGN)], 12 April 1987 (Fjeldså, 1987:34).

CARAHUARA DE CARANGAS (Papavero, 1971:142); see Curahuara de Carangas.

CARAHUASI; Cochabamba ca. 1750/6450
2,000 m, ca. 160 km E [ESE] of city of Cochabamba [1724/6609 (USBGN)], ca. 20 km off road between Cochabamba and Santa Cruz [1748/6310 (USBGN)], almost on the border of Cocha-bamba/Santa Cruz, very humid, dense forest, Olrog, 1, 7-9, 11-15, 17-19, 22-26 July, 9, 12, 28 Aug. 1959 (Olrog, 1963a:408-424); Niethammer, 3-13 Aug. 1951 (Niethammer, 1953a:198, as "Karahuasi"); collector?, at 2,900 m, date? (Remsen, et al., 1990:366).

CARANAVI; La Paz 1546/6736 (USBGN)
2,100 ft [650 m] (ONC); on Río Coroico [1527/6750 (USBGN)], ca. 150 km NE of city of La Paz [1630/6809 (USBGN)] (MHA); Künzel, 13 May 1955 (Niethammer, 1956:84); Steinbach, 15 July 1963 (Remsen, et al., 1987:11); Remsen, at 800 m, 4 Aug. 1980 (Remsen, et al., 1987:10); Ridgely, on road to Bolinda [not located], N of Caranavi, at 1,400 m, Sept. 1979 (Remsen, et al., 1982:78); also see Bella Vista, Serranía.

CARANDAITI; Chuquisaca 2045/6304 (USBGN)
2,000 ft [600 m] (ONC); on edge of mountains and the chaco, southeastern corner of Chuquisaca about midway between border of Santa Cruz and Tarija, 65 km NE of Villa Montes [2115/6330 (USBGN)] (MHA, as "Carandaiti Guazú"); Stager, 3 km SE, 3 Aug., Bromley, 5 km SE, 14 Nov., Bromley, 6 km SE, 29 Sept., 10 Nov., Stager, 10 km SE, 21 July, Stager, 15 km SE, 3 Aug., Bromley, 15 km SE, 20 Aug., 20 Sept., 14 Oct., Stager, 20 km SE, 4 Aug., Bromley, 25 km SE, 1 Sept., Bromley, 30 km SE, 10, 25, 30 July, 6-11, 15-17, 19, 22, 25, 28, 30-31 Aug., 1, 4, 10, 13-14, 21-22, 26-28 Sept., 2-5, 7-9, 11-13, 16, 18-21, 23, 27-28 Oct., 16, 19, 24 Nov., Stager, 30 km SE, 6 June [?], 6-8, 10-12, 14, 16-17, 19, 22-23, 25-27, 29-30 July, 2, 8 Aug., Bromley and Stager, 30 km SE, 25 July, Bromley, 35 km SE, 1 Sept., 36 km SE, 17 Aug., Stager, 3 km S, 3-4 Aug., Bromley, 11 Aug., Stager, 15 km S, 28 July, 4 Aug., Bromley, 35 km SW, 17 Aug. 1957 (LACMNH, also as "Carandayti"; Remsen & Traylor, 1983:96); Schmitt and Cole, 27.3 km by road SW of Carandaiti, at 610 m, ca. 18 km by road SW, at alt.?, and ca. 34 km by road SW, at alt.?, all on 10-12 May 1979 (Schmitt & Cole, 1981, as "Carandayti"; Remsen, et al., 1985:127, as "Carandayti"; Remsen, et al., 1986:24, as "Carandayti").

CÁRANDAITI GUAZÚ (MHA); see Carandaiti.

CARANDAYTI (Schmitt & Cole, 1981); see Carandaiti.

CARANGAS; Oruro Not located
14,500 ft. [4,400 m], in vicinity of Nevado Sajama [1806/6854 (USBGN)], F. Steinbach, 12-13 Nov. 1941 (FMNH, as "Mt. Sajama, Carangas"); the association with Nevado Sajama seems to preclude the possibility that this is the Carangas [1854/6841 (USBGN)] farther S; also see Curahuara de Carangas.

CARANGUILLAS, RÍO; see Ulloma.

CARAPARICITI (MHA); see Caraparicito.

CARAPARICITO; Santa Cruz 1947/6342 (USBGN)
ca. 1,000 m, in southwestern Santa Cruz, at edge of mountains, ca. 20 km SSE of Lagunillas [1938/6343 (USBGN)] (MHA, as "Carapariciti"); Krieg, in vicinity of Lagunillas and Cara-paricito, 14-30 July 1926, with known dates of 19, 22-23, 25-26 July (Laubmann, 1930:4, 110, 129, 241, p. 311, as "La Caraparicito").

CARAPARÍ; Tarija 2149/6346 (USBGN)
ca. 800 m, on eastern slopes of southeastern Tarija, 20 km W of Caiza [Villa Ingavi, 2149/6334 (USBGN)] (MHA); von Hofsten, Mar. 1902 (Lönnberg, 1903:460-461); Budin, at 1,000 m, Sept. 1924 (USNM).

CARAPATA; La Paz 1619/6838 (USBGN)
ca. 3,800 m, on SE shore of Lago Titicaca [1548/6924 (USBGN)], ca. 50 km WNW of La Paz [1630/6809 (USBGN)]; shown on MHA mid-way between lake and La Paz; Garman, early 1875 (Allen & Garman, 1876:357).

CARCUATA (d'Orbigny, 1839-1843:450); see Cajuata.

CARGUARANI (Sclater & Salvin, 1879:613); see Caguarani.

CARIRABA, ARROYO; El Beni 1442/6644 (USBGN)
Small river in westernmost El Beni; not named on our maps; collector?, ca. 30 km E of San Borja [1449/6651 (USBGN)], 28 Oct. 1983 (Cabot & Serrano, 1986:170, as "Arroyo Curiraba").

CARMEN DE MOXOS (d'Orbigny, 1846:86); see El Carmen.

CARUTO, LAGUNA (ONC); see Curutú, Laguna.

CASARABE; El Beni 1448/6414 (USBGN)
Alt.?; southern central El Beni, ca. 45 km E of Trinidad [1447/6447 (USBGN)]; not found on our maps; collector?, 6 km W at 230 m, date? (Remsen, et al., 1990:376).

CASIRI, CERRO; La Paz 1554/6830 (USBGN)
Alt.?; ca. 50 km NE of La Paz [1630/6809 (USBGN)], apparently in the Nevado Ancohuma [1551/6836 (USBGN)] range, but not indicated on our maps; collector?, date? (Hellmayr, 1936, Field Mus. Nat. Hist. Publ., **13**, pt. 9, p. 186, as "Kassiri").

CATACORA; La Paz 1617/6829 (USBGN)
3,800 m (Cabot, 1991:205); near southeastern corner of Lago Titicaca [1548/6924 (USBGN)], NW of city of La Paz [1630/6809 (USBGN)]; not shown on available maps; puna, rocky hills and plains, tussock grass, Cabot, 18 Nov. 1984 (Cabot, 1919:205, as "Katacora").

CATALCITO, LAGUNA; Potosí 2231/6715 (Hurlbert, 1978:14)
ca. 4,550 m, small lake of 2.5 km^2 in southernmost Potosí, Hurlbert, 2 Dec. 1977, 1 Feb. 1979 (Hurlbert, 1978:14; 1981:6); not found on our maps.

CATAMARCA (Chubb, 1919:43); error for Cajamarca, Peru.

CATAVÍ; Potosí 1824/6636 (USBGN)
12,400 ft [3,800 m] (Bond & de Schauensee, 1942b:310); 40 km E of Poopó [1823/6659 (USBGN)] and 5 km N of Uncia [1827/6637 (USBGN)], northwestern Potosí (MHA); sparse vegetation, very rocky, Carriker, 5-13, 16-22 May 1936 (Bond & de Schauensee, 1942b:310).

CAUCAYA, LAGUNA; Santa Cruz 1926/6327 (Schmitt & Cole, 1981)
875 m, 10 km by road E of Gutiérrez [1925/6334 (USBGN)], extreme southwestern Santa Cruz, Schmitt and Cole, 1 Jan., Schmitt, 30 Dec. 1979, 13, 18 Feb., 6-17, 23 April 1984 (Schmitt & Cole, 1981; Remsen, et al., 1985:125, 129; 1986:30; 1987:15; Schmitt, et al., 1986:308, 309); Remsen, et al. (1990: 369) give the altitude as 1,100 m.

CAVARI; La Paz 1709/6702 (USBGN)
ca. 2,700 m, southeastern La Paz, ca. 22 km SE of Inquisivi

[1658/6710 (USBGN)] (MHA, where shown too far E); d'Orbigny, ca. 16-18 Sept. 1830 (d'Orbigny, 1839-1843, pp. 458-460, 462; 1846, pp. 149-150; Sclater & Salvin, 1879:619).

CAYAPI; La Paz 1625/6745 (USBGN)
ca. 2,500 m, ca. 45 km ENE of La Paz [1630/6809 (USBGN)] and ca. 10 km SW of Yanacachi [1623/6743 (USBGN)] (MAPA); d'Orbigny, late July 1830 (d'Orbigy,1839-1843, p. 429, as "Cajapi", 1846, p. 368, as "Cajapi"; Sclater & Salvin, 1879:596, as "Cajapi", p. 629, as "Cagapi").

CAYHUASI (MAPA-II); see Caihuasi.

CCACHUPATA; Cuzco, Peru
Erroneously attributed to Bolivia by Menegaux (1909:208); correct spelling is "Cachupata".

CEPITA; Puno, Peru
Erroneously attributed to Bolivia by Menegaux (1909:206); correct spelling is "Zepita".

CERCADO; Cochabamba (Berlioz, 1959:219); see Cochabamba; Cochabamba.

CERCADO; Santa Cruz; see Andrés Ibáñez, Provincia.

CERDAS; Potosí ca. 2020/6650
12,750 ft [3,900 m], ca. 10 mi [16 km] N of Uyuni [2028/6650 (USBGN)], north-central Potosí, reeds in lower parts, thorny plants in higher elevations, Carriker, 19-20 Feb. 1936 (Bond & de Schauensee, 1942b:310).

CERROPATA; La Paz? Not located
2,100 m, southern Yungas [1620/6645 (USBGN)] region, Niethammer?, date? (Niethammer, 1956:109, 143); the fact that this locality is associated with the Yungas eliminates the Cerropata at 1718/6912 (USBGN).

CHACALTAYA (Neithammer, 1953:198); see Chacaltaya, Nevado.

CHACALTAYA, NEVADO; La Paz 1620/6808 (USBGN)
4,640 m, peak 25 km NE of city of La Paz [1630/6809 (USBGN)]

(MHA); Niethammer, at 5,300 m [?], 20-23 Dec. 1951 (Niethammer, 1953a:198, 217, as "Chacaltaya"; 1956:146, as "Chacaltaya")

CHACAPAYA; Cochabamba ca. 1720/6620 (Gyldenstolpe, 1945:map)
3,070 m, on slope in Cordillera del Tunari [1719/6610 (USBGN)], ca. 25 km W of city of Cochabamba [1724/6609 (USBGN)] and ca. 10 km NW of Vinto [1706/6914 (USBGN)], on "Monte Acorani" [not located], cultivation, mimosa trees, Olalla, 6-10, 14 June, and on road between Chacapaya and Vinto, 14 June 1938 (Gyldenstolpe, 1945:map; Fjeldså & Krabbe, 1989:322); description seems to preclude the town of Charapaya [1722/6645 (USBGN)].

CHACJRO, RÍO DE (d'Orbigny, 1839-1843:432); see Chajro, Río.

CHACO; La Paz 1620/6748 (USBGN)
Alt.?; ca 15 km SE of Unduavi [1619/6754 (USBGN)], near Yanacachi [1623/6743 (USBGN)], in Yungas [1620/6645 (USBGN)] region; not shown on our maps; G. & O. Garlepp, 28 Oct. 1893-17 July 1894, with known dates of 25, 29 June, 4, 12, 17 July 1894, and also 3 June 1895 (MCZ; Berlepsch, 1901:85, 96; Hellmayr, 1921:231); collector?, date? (Todd, 1926, Ann. Carnegie Mus., **17**:65, as "Chaco, Yungas").

CHACO PAMPA; La Paz Not located
Alt.?; northeastern part of department, in upper valley of Río Zongo [1543/6741 (USBGN)], Fjeldså, et al., in treeline scrub at 3,800 m, between Estancia Botijlaca [not located] and Chaco Pampa, 9-10 April 1987 (Fjeldså, 1987:34); presumably near Botijlaca [1613/6807 (USBGN)].

CHAGUA; Potosí 2153/6547 (USBGN)
12,000 ft [3,650 m], in southeastern corner of department, 48 km SSW of Tupiza [2127/6543 (USBGN)] (ONC); Davis, at 3,300 m, 27, 29 Aug. 1987 (FMNH).

CHAIRO Not located
Buckley, 1875? (Gyldenstolpe, 1945:106); collector?, date? (Zimmer, 1950, Amer. Mus. Novit., no. 1474, p. 22; 1951, op. cit., no. 1595, p. 28, as "Chairo Road, La Paz to Yungas"); presumably this is Río Chajro, which see.

CHAJANA; La Paz ca. 1150/6835 (Gyldenstolpe, 1945:map)
4,780 m, on Nevado Illampu [1550/6834 (USBGN)], E of Lago Titicaca [1548/6924 (USBGN)], Olalla, 10-19 Aug. 1938 (Gyldenstolpe, 1945:map; FMNH; Fjeldjå & Krabbe, 1989:322).

CHAJRO, RÍO; La Paz ca. 1625/6745
On eastern slope of cordillera, on road between La Paz [1630/6809 (USBGN)] and Chulumani [1624/6731 (USBGN)], with towns of Chupé [Santa Rosa, 1623/6744 (USBGN)], Cajapi [Cayapi, 1625/6745 (USBGN)], and Yanacachi [1623/6743 (USBGN)] in vicinity, d'Orbigny, 26 July 1830 (d'Orbigny, 1839-1843, p. 432, as "Río de Chacjro"; 1846, p. 142); not shown on our maps, but may be a small tributary of Río Unduavi [1618/6752 (USBGN)]; spelling uncertain; see, also, Chairo.

CHALLA; Cochabamba 1737/6640 (USBGN)
3,900 m, southwestern Cochabamba, 60 km SW of city of Cochabamba [1724/6609 (USBGN)] (MHA); puna, bunch grass, patches of thola, pasture, Cabot, 1985-1986 (Cabot, 1991:205).

CHALLAPATA; Oruro 1854/6647 (USBGN)
3,706 m, 108 km SSE of Oruro [1759/6709 (USBGN)] on railroad line and eastern side of Lago de Poopó [1845/6707 (USBGN)] (MHA); Simons, 10, 14 Oct. 1901 (Chubb, 1919:6, 38); Carriker, 6 Mar. 1938 (LACMNH); collector?, nearby at 3,750 m, 5 Nov. 1982 (Cabot & Serrano. 1987:191); puna, humid plain, Cabot, 23 April, 28 June 1984 (Cabot & Serrano, 1986:171; Cabot, 1991:203-204, 206); Fjeldså, et al., in vicinity of town, 23 April 1987 (Fjeldså, 1987:39).

CHALLHUANI; Cochabamba 1749/6452 (USBGN)
1,778 m, on upper Río Challhuani [1802/6443 (USBGN)], 32 km SE of Totora [1742/6509 (USBGN)], southeastern Cochabamba (MHA); d'Orbigny, Oct. 1830 (d'Orbigny, 1846, p. 156, as "Chaluani"); see, also, Challhuani, Río.

CHALLHUANI, RÍO; Cochabamba 1802/6443 (USBGN)
Small river, a headwater of the Río Mizque [1839/6420 (USBGN)], rising near Totora [1742/6509 (USBGN)] and Pojo [1745/6449 (USBGN)] in southeastern Cochabamba (MHA); d'Orbigny, date? [Oct. 1830?] (Sclater & Salvin, 1879:613, as "valley of Chaluani", p. 615, as "Chaluani"); Bond & de Schauensee, 1942b:310, as "Río Chaluani"; see, also, Challhuani.

CHALLVIRI, SALAR DE; Potosí 2232/6734 (USBGN)
4,393 m (Hurlbert, 1978:9); large salt flat with a number of shallow lakes in extreme southwestern Potosí, close to Chilean border (MHA, as "Salar de Chalviri"); Hurlbert, at salar and associated Laguna Puripica Chico [2231/6730 (Hurlbert, 1981:6)], ponds W of Laguna Puripica Chico, and Laguna Polques [or Laguna Salada, 2232/6737 (Hurlbert, 1981:6)], Laguna Norte [2228/6733 (Hurlbert, 1981:6)], and various other small ponds bearing coined names, 14-15 Dec. 1975, 18 July, 11 Dec. 1976, 3 Dec. 1977, 25-26 Dec. 1978, 2-4, 18-19, 31 Jan., 4, 6, 17-18, 24 Feb. 1979, 24 Jan., 7-8 July 1980 (Hurlbert, 1978:9, 11, 13, 14, as "Salar de Chalviri"; 1981:6, 8, 9, as "Salar de Chalviri"; Hurlbert & Keith, 1979:331, as "Salar de Chalviri"; Hurlbert & Chang, 1983, as "Salar de Chalviri"); Vuilleumier, Nov. 1982 (Dott, 1985:344, as "Laguna Salada").

CHALUANI (d'Orbigny, 1846:156); see Challhuani.

CHALUANI (Sclater & Salvin, 1879: 613); see Challhuani, Río.

CHALUANI, RÍO (Bond & de Schauensee, 1942b:310); see Challhuani, Río.

CHALVIRI, SALAR DE (MHA); see Challviri, Salar de.

CHAPAGUAIA Not located
Buckley, 1875 (Sclater & Salvin, 1879:593, as "Rhapaguaia"; p. 596, as "Khapaguaia").

CHAPARÉ, PROVINCIA; Cochabamba 1630/6530 (USBGN)
Province in northeastern Cochabamba, encompassing the southern part of the Yungas [1620/6645 (USBGN)] region as well as some of the lowlands (MHA); J. Steinbach, 20, 22-24, 26, 28-29 July 1928, 21 Aug. 1929 (FMNH, as "Chaparé, Yungas"); Borda, on right bank of Río San Mateo [1703/6524 (USBGN)], 1972-? (Borda, 1985); collector?, in high, subtropical forest at 1,600 m, 3 April 1985, in subtropical forest at 1,100 m, 8 Sept. 1982 and 3 April 1985 (Cabot & Serrano, 1986:171, 172).

CHAPARÉ, RÍO; Cochabamba 1558/6442 (USBGN)
Rises on slopes E of city of Cochabamba [1724/6609 (USBGN)], in foothills of central Cochabamba, and flows NNE to join Río Ichilo [1557/6442 (USBGN)] and Río Grande [1551/6439 (USBGN)] to

form Río Mamoré [1023/6523 (USBGN)] (MHA); d'Orbigny, at mouth, 19 May, at head at confluence of Río Coni [1651/6508 (USBGN)] and Río San Mateo [1703/6524 (USBGN)], 27 May, and at nearby village of Yuracaré Indians, 28 May-2 June 1832 (d'Orbigny, 1846, pp. 141-157; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 141); Becker, 5 Feb. 1915, J. Steinbach, 21 Aug. 1929 (FMNH); Carriker, at mouth, at 825 ft [250 m], thick forest with many caroza palms, 16-31 Aug. 1937 (Bond & de Schauensee, 1940:3; 1941:2; 1942b:314); observer?, on river in Provincia Chaparé [1630/6530 (USBGN)], Sept. 1982 (Cabot & Serrano, 1988:190); see, also, Todos Santos.

CHAPARE CLOUD FOREST (Parker & Rowlett, 1984:112); see Villa Tunari.

CHAQUECAMTE (Chubb, 1919: 282); see Choquecamate.

CHAQUIMAYO; La Paz Not located
1,000 m, ca. 17 km N of Apolo [1443/6831 (USBGN)], on Río Machariapo [1418/6835 (USBGN)], Emmons and Wolf, date? (Parker, et al.,1991:132).

CHARAGUA; Santa Cruz 1948/6313 (USBGN)
2,773 ft [825 m] (ONC); in foothills of extreme southwestern Santa Cruz (MHA); J. Steinbach, 30 Sept. 1915 (MCZ).

CHARAPACCÉ (Sclater & Salvin, 1879:608); see Charapaxi.

CHARAPAXI; La Paz 1657/6714 (USBGN)
ca. 2,000 m, southeastern La Paz, 110 km SE of La Paz [1630/6809 (USBGN)] and 5 km W of Inquisivi [1658/6710 (USBGN)] (MHA); d'Orbigny, 10 Sept. 1830 (Sclater & Salvin, 1879:608, as "Charapaccé"; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 140, as "Charapacce").

CHARASANI (MHA); see Charazani.

CHARAZANI; La Paz ca. 1513/6903 (MHA)
3,400 m, in Provincia Saavedra [Provincia Bautista Saavedra, 1500/6855 (USBGN)], on slopes in humid subtropical forest, collector?, 17 Jan. 1982 (Cabot & Serrano, 1988:191); ca. 45 km NE of Lago Titicaca [1548/6924 (USBGN)] and 27 km NNW of Chuma [1524/6856 (USBGN)] (MHA, as "Charasani"); Cabot?, in pass

between Charazani and Curva [1507/6903 (USBGN)] at 4,600-4,900 m, 1981-1982 (Cabot, 1991:205).

CHARUPLAYA; La Paz Not located
1,300 m, Simons, 18-27 May, 1, 5, 15, 20, 22 June 1901 (Chubb, 1919:5, 20, 273, 274, 280, 289), 1 June 1910 [1901?] (Chubb, 1918, Bull. Brit. Ornith. Club, **39**:23); perhaps this is somehow asssociated with Río Charopaya [1712/6658 (USBGN)], to the S of Inquisivi [1658/6710 (USBGN)], as Simons is known to have been in this region about this time; see comments under Blanco, Río; La Paz.

CHATARONA; El Beni 1422/6728 (USBGN)
700 ft [200 m] (Carriker, 1935:332); ca. 20 km SW of Reyes [1419/6723 (USBGN)], on right side of upper middle Río Beni [1023/6524 (USBGN)]; does not appear on our maps; savanna, patches of forest and marsh, Carriker, 16-30 Sept. 1934 (Carriker, 1935:315, 318, 320, 323, 332; Bond & de Schauensee, 1939a:3; 1942b:311).

CHEPEPE PAZÑA (Menegaux, 1909:211); see Pazña.

CHICA; La Paz? Not located
2,200 m, southern Yungas [1620/6645 (USBGN)] region, Künzel, 9 Nov. 1954 (Niethammer, 1956:85, 105).

CHICANI; La Paz 1628/6804 (USBGN)
Alt.?; ca. 10 km NE of city of La Paz [1630/6809 (USBGN)], apparently at foot of Nevado Chicani [1622/6757 (USBGN)]; not found on our maps; O. Garlepp, 29 Aug.-13 Sept. 1893 (Niethammer, 1953:203).

CHILCANI; La Paz ca. 1545/6840 (Gyldenstolpe, 1945:map)
3,700 m, on Nevado Illampu [1550/6834 (USBGN)], E of Lago Titicaca [1548/6924 (USBGN)] (Gyldenstolpe, 1945:map); in valley of Río San Cristóbal [1541/6845 (USBGN)], NW of Sorata [1547/6840 (USBGN)], rocky, thorny woods along river, Olalla, 25 July-4 Aug. 1938 (FMNH; Fjeldså & Krabbe, 1989:321).

CHILELLAYA (Chubb, 1919:268); see Chililaya.

CHILILAYA; La Paz Not located
3,700 m (Chubb, 1919:268); O. & G. Garlepp, 8 Aug. 1893 (Niethammer, 1953:203); on Lago Titicaca [1548/6924 (USBGN)],

Créqui-Montfort, 1903? (Menegaux, 1909:209); Simons, 26 Oct. 1910 (Chubb, 1919:268, as "Chilellaya").

CHILLAGUA; La Paz Not located
Alt.?; on road between La Paz [1630/6809 (USBGN)] and Esperanza [1749/6847 (USBGN)], O. Garlepp, April 1897 (Niethammer, 1953a:204).

CHILLON (Chapman, 1924c:2); see Chilón.

CHILÓN; Santa Cruz 1759/6436 (USBGN)
1,417 m, extreme western central Santa Cruz, ca. 15 km SW of Comarapa [1754/6429 (USBGN)] (MHA, where shown too far S); d'Orbigny, 30 Oct.-1 Nov. 1830 (d'Orbigny, 1839-1843, pp. 502-503); Miller and Boyle, 5,600 ft [1,700 m], 6 Oct. 1915 (Naumburg, 1925:421); O.[?] Steinbach, 25-26 Mar. 1920 (WFVZ; CM; Todd, 1922, Proc. Biol. Soc. Washington, **35**:191; 1942, Ann. Carnegie Mus., **29**:349; Chapman, 1924c:2, as "Chillon"); F. Steinbach, 26 Oct. 1926 (FMNH).

CHIMATE; La Paz Not located
700 ft [212 m], Simons, 15 Sept. 1900 (Chubb, 1919:5); presumably in western central La Paz in vicinity of Sarampiuni [1525/6897 (USBGN)].

CHIMATE, RÍO; La Paz ca. 1525/6800 (Tate, 1926)
Tributary of Río Mapiri [1528/6749 (USBGN)] in central La Paz, Tate, at ca. 460 m, April 1926 (Tate, 1926).

CHIMBERO, CERRO DEL Not located
Collector?, date? (Todd, 1922, Proc. Biol. Soc. Washington, **35**:215); source of *Myiarchus t. tuberculifer* and, therefore, probably located in a tropical area.

CHIMORÉ, CAMPAMENTO; see Campamento Chimoré.

CHIMORÉ, RIO; Cochabamba 1643/6449 (USBGN)
Left-bank tributary of Río Ichilo [1557/6642 (USBGN)], rising on the slopes of central Cochabamba below Pojo [1745/6449 (USBGN)] (MHA); Miller, Aug. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 311); see, also, Campamento Chimoré and San Antonio del Chimoré.

CHIMOREE (Sclater & Salvin, 1879:633); see Campamento Chimoré.

CHINCHIRI; Cochabamba 1714/6637 (USBGN)
Alt.?; hamlet SE of Morochata [1717/6629 (USBGN)], northwestern Cochabamba; not on our maps; d'Orbigny, 19 Sept. 1830 (d'Orbigny, 1839-1843, p. 468; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 140, as "Chicuri", map 11).

CHINCURI (Papavero, 1971:140); see Chinchiri.

CHIÑIRI; La Paz 1516/6745 (USBGN)
ca. 1,000 m, on Río Kaka [1510/6744 (USBGN)], one of the headwaters of Río Beni [1023/5424 (USBGN)], 45 km E of Mapiri [1515/6810 (USBGN)] (MHA); forest and savanna, Carriker, 23 Aug.-6 Sept. 1934 (Carriker, 1935:315; Bond & de Schauensee, 1942b:311).

CHIPIRIRI; Cochabamba Not located
300 m, in Provincia Chaparé [1630/6530 (USBGN)], collector?, 20 Oct., 2-3, 7-8, 10, 18, 22, 29-30 Nov., 6-8 Dec 1962, 13, 15 Oct. 1964 (Remsen & Ridgely, 1980:70, 72, 73; Remsen, et al., 1985:125-127; 1986:27; 1987:9, 10, 13; presumably in vicinity of Río Chipiriri [1613/6515 (USBGN)], northern Cochabamba, which see.

CHIPIRIRI, RÍO; Cochabamba 1613/6515 (USBGN)
Tributary of Río Isiboro [1528/6505 (USBGN)] rising on the lower slopes of northern Cochabamba, SW of Todos Santos [1648/6508 (USBGN)] (MHA); Remsen, where on river?, 1-2, 17 Feb. 1977 (Remsen, 1988:13); see Chipiriri and also Isiboro-Securé, Parque Nacional.

CHIQUITOS (Sclater & Salvin, 1879:595); see Chiquitos, Provincia.

CHIQUITOS, PROVINCIA; Santa Cruz 1800/6000 (USBGN)
Province in llanos of eastern Santa Cruz (MHA); d'Orbigny, July-Nov. 1831 (d'Orbigny, 1839-1843, pp. 589-663, as "Chiquitos"; Sclater & Salvin, 1879:595, 625, also as "Chiquitos"); F. Steinbach, 7 June 1918 (USNM, as "Chiquitos"); R. Steinbach, 1973 (FMNH).

CHOCACHACA (Chubb, 1919:5); see Choquechaca.

CHOCAYA; Cochabamba Not located
2,700 m, F. Steinbach, 12, 17 Dec. 1928, 10 April 1936, 17 Dec.

1938 (FMNH); collector also at Everu [not located] on 17 Dec. 1928.

CHOCAYA; Potosí ca. 2120/6545
13,000-14,000 ft [3,950-4,250 m], mine, 4-5 mi [6-8 km] from [S? of] railway station at Oploca [2120/6546 (USBGN)] and 25 mi [40 km] N of Argentina border, arid, thorn and cactus, Carriker, 14-18 June 1936, 17-18 Feb. 1938 (Bond & de Schauensee, 1942b:311).

CHOCOLATERIA Not located
4,300 m, collector?, date? (Niethammer, 1956:146).

CHOJLLAS, LAGUNA; Potosí 2221/6706 (Hurlbert, 1978:14)
4,555 m, small lake of 5.0 km^2 in extreme southern Potosí, Hurlbert, 30 Nov. 1978, 18 Feb. 1979 (Hurlbert, 1978:14; 1981:6); shown but not named on ONC.

CHOQUECAMATE; Cochabamba 1655/6637 (USBGN)
4,000 m, Simons, 13, 29-30 July 1901 (Chubb, 1919:5, p. 282, as "Chaquecamte"); short distance N of Cerro Cala Cruz [1706/6637 (USBGN)], western Cochabamba; not depicted on available maps; Hellmayr, 1938, Field Mus. Nat. Hist. Publ., **13**, pt. 11, p. 310, as "Chuquecamata".

CHOQUECHACA; La Paz 1616/6724 (USBGN)
1,200 m, on Río Tamampaya [1616/6713 (USBGN)], Simons, 10-29 Jan. 1901 (Chubb, 1919:5, as "Chocachaca"); ca. 30 km NE of Chulumani [1524/6713 (USBGN)], southeastern La Paz; not found on our maps; see, also, Solocame, Río.

CHOQUEKKOTA, RÍO; La Paz Not located
Schulenberg, in valley, 8 km from junction of Calacoto [1632/6806 (USBGN)]/Palca [1634/6759 (USBGN)] road, at 4,025 m, in Provincia Murillo [1620/6800 (USBGN)], 15 Aug. 1981, and collector [Schulenberg ?] on same road, to Mina San Francisco [not located], at 9 km from junction, at 4,150 m, date?, (Remsen, et al., 1982:84); probably this is Río Choquecota Grande [1657/6736 (USBGN)].

CHORO (Chubb, 1919:5); see El Choro.

CHORROS (Bond & de Schauensee, 1942b:311); see El Choro.

CHUCHURAPINI (Niethammer, 1953a:203); see Pasana.

CHUCUITO (d'Orbigny, 1846:336); see Titicaca, Lago.

CHUCUITO; Puno, Peru
Erroneously attributed to Bolivia by Niethammer (1956:146).

CHULLPAKASA; Potosí 1924/6558 (USBGN)
Alt.?; on road NW of city of Potosí [1935/6545 (USBGN)]; not on our maps; Fjeldså, et al., on road between Potosí and Chullpakasa , ca. 4,000 m, rocky, brushy, 21 April, and between Chullpakasa and Ventanilla [not located], 3,700-4,100 m, dry puna, 22 April 1987 (Fjeldså, 1987:38, as "Chullpa Khasa").

CHULLPA KHASA (Fjeldså, 1987:38); see Chullpakasa.

CHULLUNCANI, LAGUNA; Potosí 2132/6752 (Hurlbert, 1978:13)
ca. 4,450 m (Hurlbert, 1978:13); small lake in western central part of department, ca. 60 km S of Salar de Uyuni [2020/6742 (USBGN)] (MHA, shown but not named); Hurlbert, 12 Dec. 1976, 4 Dec. 1977, 22 Feb. 1979, 12 July 1980 (Hurlbert, 1978:13, 14; 1981:6, 9; Hurlbert, et al., 1984:50).

CHULUMANI; La Paz 1624/6731 (USBGN)
1,905 m, in the Yungas [1620/6645 (USBGN)], 65 km ENE of La Paz [1630/6809 (USBGN)] (MHA); d'Orbigny, 2-24 Aug. 1830 (d'Orbigny, 1839-1843, pp. 434-442; 1846, pp. 143-144; Sclater & Salvin, 1879:592); Kalinowski, 1, 18 Oct., 9, 12-13, 17 Nov. 1896, 26 July 1898 (Sztolcman, 1926, Ann. Zool. Mus. Polonici Warszawa, 5:210, 213, 230, 232; Gyldenstolpe, 1945:23); Simons, 17-31 Dec. 1900, 5, 12, 16, 21 Jan. 1901 (Chubb, 1919:5, 8, 31); humid premontane forest mixed with grasslands, scrub, and cultivation, Olalla, 4 Sept.-3, 26-29 Oct. 1938 (Gyldenstolpe, 1941:3; FMNH; Fjeldså & Krabbe, 1989:322).

CHUPE (Sclater & Salvin, 1879:596); see Santa Rosa; La Paz.

CHUQUECAMATA (Hellmayr, 1938:310); see Choquecamate.

CHUQUI (MAPA-II); see Chuquichuqui.

CHUQUICHUQUI; Chuquisaca 1849/6504 (USBGN)
1,760 (Nores & Yzurieta, 1984:329); northwestern Chuquisaca, ca.

35 km NE of Sucre [1902/6517 (USBGN)] (MAPA-II, as "Chuqui"); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329); Fjeldså, et al., between Puente Acre [ca. 1830/6510 (Lanning, 1991a:358)] and Chuquichuqui, alt.?, hilly, rocky, *Prosopis* forest, and between Chuquichuqui and Sucre, alt.?, hilly, rocky, *Prosopis* forest, some cactus, 19 April 1987 (Fjeldså, 1987:37, as "Chuqui").

CHUQUISACA, DEPARTAMENTO DE 2000/6420 (USBGN)
Southern central Bolivia, bounded on E by Brazil, on N by Santa Cruz and Cochabamba, on W by Potosí, and on S by Tarija.

CHUQUISACA; see Sucre.

CHUSPIPATA; La Paz ca. 1618/6750
3,050 m, 4.5 km ESE [ENE?] of Cotapata [ca. 1619/6751?] (Remsen, 1981:1075); pass between Yolosa [not located] and Unduavi [1619/6754 (USBGN)] on La Paz [1630/6809 (USBGN)]/Caranavi [1546/6736 (USBGN)] highway (Schulenberg & Remsen, 1982:53); summit ca. 8 km S [SW] of Sacramento Alto [1616/6747 (USBGN)], south-central La Paz, Parker, et al., nearby between 2,750-2975 m, 27 May, 8 June, 4 July, 5 Aug. and ca. 2 km N of Chuspipata, at 2,800 m, 25 May 1979 (Parker, Remsen, & Heindel, 1980:160-161); Schulenberg, et al., 1 km S at 3,050 m, 23 July-10 Aug. 1981 (Remsen, 1981:1075; 1985:733; Schulenberg & Remsen, 1982:53; Remsen & Traylor, 1983:96); also see Sacramento Alto.

CIJUATA (d'Orbigny, 1846:146); see Circuata.

CILLUTINCARA (Sclater & Salvin, 1879:596); see Sillutincara, Cerro.

CINTI Not located
Buckley, 1875 (Sclater & Salvin, 1879:600); possibly this is Cinto [1659/6751 (USBGN)], La Paz, but it certainly is not Camargo [2039/6513 (USBGN)], Chuquisaca, *contra* Hellmayr, 1936, Field Mus. Nat. Hist. Publ., **13**, pt. 9, p. 235.

CINTO; see Cinti.

CIRCUATA; La Paz 1638/6715 (USBGN)
2,012 m, in Yungas [1620/6645 (USBGN)] region, 98 km ESE of city of La Paz [1630/6809 (USBGN)] (MHA); d'Orbigny, 31 Aug.-2 Sept. 1830 (d'Orbigny, 1839-1843, pp. 446-449; 1846, p. 146, as "Cijuata").

CISTA MÁRGUEZ (Remsen, et al, 1990:376); see Iténez, Río.

CLIZA; Cochabamba 1736/6556 (USBGN)
ca. 2,700 m, 15 km WSW of Pumata [1712/6935 (USBGN)], central Cochabamba (MHA); d'Orbigny, 21 Oct. 1830 (d'Orbigny, 1839-1843, p. 486); Olalla, date? (Gyldenstolpe, 1945:map).

COBIJA; Antofagasta, Chile
Seaport formerly in Bolivia; see gazetteer for Chile (Paynter, 1988, *Ornithological Gazetteer of Chile*).

COBIJA; Pando 1102/6844 (USBGN)
260 m, northwestern Pando, on Río Acre [0845/6722 (USBGN)] and Brazilian border (MHA); Parker and Remsen, 12 km S and 8 km W on road to Mukden [1111/6902 (USBGN)], at ca. 1109/6851 and 325 m, site named "Camino Mucden", upland forest, second-growth forest, and cattle pasture, 9 June-8 Aug. 1986, Schmitt and Remsen, ca. 20 km S, 15 July 1986 (Parker & Remsen, 1987:94, 103; Mühlhaus, 1987; Chapman & Rosenberg, 1991, Auk, 93:904).

COCAPATA; Cochabamba 1657/6643 (USBGN)
ca. 2,200 m, in northeastern Cochabamba, near mouth of Río Cocapata [1658/6650 (USBGN)] and adjacent to El Choro [1656/6642 (USBGN)], 98 km NW of city of Cochabamba [1724/6609 (USBGN)] (MHA); G. Garlepp, Mar., 5-6, 9, 20 April 1892 (Niethammer, 1953a:201; 1956:114; Berlepsch, 1901:83; Hellmayr, 1921:231); collector?, date? (Zimmer, 1942, Amer. Mus. Novit., no. 1193, p. 13); Cordier, at 3,300 m, July 1980 (Schuchmann, 1984); see, also, Cocapsita.

COCAPATA, RÍO; Cochabamba 1658/6650 (USBGN)
A headwater of Río Cotacajes [1600/6701 USBGN)] rising NW of city of Cochabamba [1724/6609 (USBGN)] and flowing northward a short distance to meet the Cotacajes (MHA); F. Steinbach, 23 Aug., 1-2, 4 Sept. 1953 (FMNH).

COCAPSITA Not located
Alt.?; G. Garlepp, 27 April 1892 (USNM); almost certainly this is an error for Cocapata, which see.

COCAPUNCO (Zimmer, 1937:9); see Cocopunco.

COCHABAMBA; Cochabamba 1724/6609 (USBGN)
2,557 m, capital of department, in Provincia Cercado [1720/6610 (USBGN)], 250 km SE of La Paz [1630/6809 (USBGN)] (MHA); d'Orbigny, 23 Sept.-21 Oct. 1830, 12 June-2 July 1832 (d'Orbigny, 1839-1843, pp. 471-484; 1846, pp. 169-173; Sclater & Salvin, 1879: 591); Bridges, ca. 1845-1847 (Sclater & Salvin, 1879:590,634); Simons, 18-24 April 1901 (Chubb, 1919:5); [Lynch] Arribálzaga and Gemignani, June, 1908 (Olrog & Navas, 1961, Neotrópica, 7:57); Gemignani, June 1909, J. Miller and Boyle, 15 June 1915 (Dabbene, 1933, Anal. Soc. Cienc. Argent., **115**:299), 10 Aug. 1915 (FMNH); Vasquez, June 1920 (Remsen, et al., 1986:27); J. Steinbach, June (FMNH), Aug. (MCZ), Oct. (Remsen, et al , 1986:26) 1920, 20 Aug. 1921, 12 Jan., 10, 20, 25 May, 2 June 1922 (MCZ); J and F. Steinbach, 11 Dec. 1928 (FMNH, as "Valle" and "Valle de Cochabamba"); F. Steinbach, 1 June 1922, 4 Dec. 1926, 19 Sept. 1927, 18 June 1936, 10, 25 April, 15 June, 15 July, 4 Aug., 18 Sept., 7, 9, 12 Nov., 10 Dec. 1937, 5, 7-12, 14, 16, 18, 20, 22, 24, 26, 28, 30 Nov. 1940, 9 Nov. 1947 (FMNH, as "Cercado" [possibly not in the environs of the city of Cochabamba]; ***note:*** *25 April, 15 June, 15 July, and 4 Aug. 1937 are also Steinbach dates for Cercado, Santa Cruz*; F. Steinbach, 19 July 1939 (FMNH); Olalla, 19 Mar.-13 April, 20 May 1938, 17-20 Jan. 1939 (Gyldenstolpe, 1945:map; Fjeldså & Krabbe, 1989:322); Emerson, et al., 27 Aug. (Cicchino & Emerson, 1983, Neotropica, **29**:162), 27 Sept. 1948 (Remsen, et al., 1987:11); F. Steinbach, 5 Jan. 1955 (Berlioz, 1959:219, as "Cochabamba, Cercado"); Niethammer, ca. 28-31 July, ca. 15-18 Aug. 1951 (Niethammer, 1953a:189); [F.?] Steinbach, 1939-1964 [some duplication of dates given above because of uncertainty as to which Steinbach was the collector], with known specific dates of 4 Oct. 1939, 4, 9 Nov. 1940, Feb., Sept., Nov. 1953, 25 Feb., 15 July, 1 Dec. 1954, 16 June 1956, 10 April, 10 Dec. 1958, 9 Nov. 1960, 14 Mar. 1963, and 20 April 1964, and Remsen, 2 Nov. 1976, 26 Jan., 24 Feb. 1977 (Remsen & Ridgely, 1980:69, 70, 72; Remsen, et al., 1985:125-126, 129; 1986:24; 1987:9, 12; Remsen, 1988:13, 14); Dott, 1970-71, 1973-74, with specific dates of late Feb., 9 April, 1 May 1971, April, 18 May 1974 (Dott, 1984:108); Cabot, Jan. 1985, and 15 km E, 15 Mar. 1984 (Cabot, 1986:183); Fjeldså, et al., 14-15 April 1987 (Fjeldså, 1987:35); F. Steinbach, at Km 104, ca. 55 km ENE of Cochabamba, 3 Sept. 1962 (Remsen, 1981:1068); Vuilleumier, ca. 75 km from [NE] Cochabamba on road to Villa Tunari [ca. 1657/6524 (MAPA)], at 4,200 m, and also on same road ca. 94 km from Cochabamba, at 3,480 m, 4 Jan., also ca. 44 km from [NW] Cochabamba on road to Morochata [1717/6629

(USBGN)] at 3,720 m, and ca. 39 km from same city at 3,400 m, both on 5 Jan., Vuilleumier and R. Steinbach, on same road, ca. 43 km from Cochabamba at 3,630 m, 5 Jan., and Vuilleumier, near Cochabamba and 52 km from the city while en route to Oruro [1759/6709 (USBGN)], 7 Jan.1968 (Vuilleumier, 1969:602, 607); collector?, Aug. 1970 (WFVZ); Dott, 20 km NW at 4,600 m, 8 Mar. 1970 (Dott, 1985:343); Remsen, 1 Nov. 1976, and Parker and Rowlett, on Cochabamba/Villa Tunari road, in "Chapare cloud forest", at 3,200 m, 11 Oct. and at 2,570 m, 14 Oct. 1983 (Parker & Rowlett, 1984:112); Lanyon and Castillo, at Km 29, Cochabamba/Oruro [1759/6709 (USBGN)] road, 2,470 m, 14-15 Nov., at Km 31, 2,500 m, 14-15 Nov., at Km 42, 2,575 m, 17 Nov., at Km 60, 2,900 m, 15 Nov., and at Km 80, 3,900 m, 17 Nov. 1987 (FMNH); observer?, 30 km W at 2,500 m, date? (Cabot & Serrano, 1986:171); Cabot, nearby, at 2,500 m, 25 Aug. 1988, at Km 130 on Cochabamba/Santa Cruz road, at 3,700 m, 2 June 1986, between Cochabamba and Santibañez [not located], at 2,500 m, 22 May 1985 , 70 km E, at 4,050 m, puna, tussock grass, patches of *Polylepis*, 15 Sept. 1988, and 120 km E, at 3,950 m, puna, *Polylepis* and bunch grass, 6 Aug. 1984, 2 April, and 19 Oct. 1985 (Cabot, 1991:202, 205); Fjeldså, et al., on plains between Cochabamba and Arani [1734/6546 (USBGN)], at 2,500 m, 15 April 1987 (Fjeldså, 1987:36).

COCHABAMBA, DEPARTAMENTO DE 1730/6540 (USBGN)
Central Bolivia, bounded on N by El Beni, on E by Santa Cruz, on S by Chuquisaca and Potosí, and on W by La Paz and Oruro; Romero, unknown locality, 1973-early 1974 (Romero, 1974:38); Ridgely, eastern Cochabamba, Mar.-April 1977 (Lanning, 1991a:357).

COCHABAMBA, VALLE DE (FMNH); see Cochabamba.

COCHATTA (FMNH); see Arani.

COCOPUNCO; La Paz ca.1530/6835
10,000 ft [3,050 m], on trail from Sorata [1547/6840 (USBGN)] to Mapiri [1515/6816 (USBGN)], Tate, Mar. 1926 (Tate, 1926; Zimmer, 1937, Amer. Mus. Novit., no. 930, p. 9, as "Cocapunco").

COCOTAL (Berlepsch, 1894:110); see Locotal.

COHONI; La Paz 1644/6751 (USBGN)
ca. 3,000 m, 40 km SE of La Paz [1630/6809 (USBGN)]; collector? [Carriker?], date? (Bond & de Schauensee, 1942b:311).

COIMBRÁ; Mato Grosso do Sul, Brazil
Formerly in Bolivia; see gazetteer for Brazil (Paynter & Traylor, 1991, *Ornithological Gazetteer of Brazil*).

COLOMI; Cochabamba 1721/6552 (USBGN)
ca. 3,800 m, in mountains of central Cochabamba, 40 km E of city of Cochabamba [1724/6609 (USBGN)] and 24 km ENE of Sacaba [1723/6602 (USBGN)] (MHA); F. Steinbach, 11, 21-22 Aug. 1921, 5 May 1927, 9-10 Aug. 1928, 20 June, 5 Sept. 1929, 10 April, 10, 15, 18 June 1936, 30 July, 10, 13, 15, 17 Oct. 1937, 28 Jan., 20 Feb., 18 April, 28 June, 20 Dec. 1938, 16, 18, 20 April, 10-12, 15, 18, 20, 25, 30 June, 10 July 1939, 20 July 1940, 18 Feb. (FMNH; Remsen, et al., 1987:10, 15), 15 April 1942 (Remsen, et al., 1986:29); Olalla, between 3,100-3,620 m, including at L[ago?] de Quecala [ca. 1720/6600 (Gyldenstolpe, 1945:map)], 14-18 April 1938 (Gyldenstolpe, 1945:map; Fjeldså & Krabbe, 1989:322); Remsen, on road between Colomi and Villa Tunari [ca. 1657/6524 (MAPA)], 18 Jan. 1977 (Remsen, 1988).

COLONIA CREVAUX; Tarija 2150/6256 (USBGN)
ca. 400 m, extreme southeastern Tarija, on right bank of Río Pilcomayo [2521/5742 (USBGN)] and on Argentina border (MHA); dense *Salix* forest, von Hofsten, April 1902 (Lönnberg, 1903:444, 459, 461, also as "Fortín Crevaux"); USBGN treats Fortín Crevaux [2154/6254 (USBGN)] as a separate locality.

COLONIAS, TERRITORIO DE; see Pando, Departamento de.

COLORADA, LAGUNA; Potosí 2217/6747 (USBGN)
4,196 m, moderate-size salt lake in southwestern Potosí, 12 km E of border with Chile (MHA); Peña, 18 June (WFVZ), Dec. 1957 (Peña, 1961); Behn, Johnson, et al., 24 Jan.-Feb. 1957, Peña and Peterson, 20-27 Dec. 1958 (Peña, 1961:29, 31; USNM); Peña and Peterson, Jan. 1958 [=1959?], Peña, Conway, and Littlehale, ca. 25 Jan.-1 Mar. 1960 (Peña, 1962, Postilla, Yale Peabody Mus., no. 69, p. 5); Barria, 12 Feb.1960 (WFVZ); Hurlbert, 16 Dec. 1975, 18 July 1976, 27 Nov. 4 Dec. 1977, 5, 24 Jan. 1979, 25 Jan., 13 July 1980 (Hurlbert, 1978:9, 11, 14, who gives coordinates of 2210/6747 and altitude of 4,278 m, possibly indicating a different lake also bearing this name;

1981:6, 8, 9; Hurlbert & Keith, 1979:331; Hurlbert, et al., 1984:50); Vuilleumier, Nov. 1982 (Dott, 1985:344); collector?, 10 Nov. 1982 (Cabot & Serrano, 1988:188, 190; Cabot, 1991:206); Morrison, 1972:270-272.

COLORADO; Santa Cruz ca.1738/6354 (MHA)
Alt.?; in Provincia Ichilo [1700/6400 (USBGN)], on upper Río Yapacani [1600/6425 (USBGN)], at mouth of Río Colorado [1738/6354 (USBGN)], 32 km SW of Buena Vista [1727/6340 (USBGN)] (MHA, where shown too far N and W); F. Steinbach, 20 Sept. 1944 (FMNH, as "Ichilo, Colorado"); also see Colorado, Río.

COLORADO, CERRO; Santa Cruz 1927/6221 (Cabot & Serrano, 1988:188)
Alt.?; in Provincia Velasco [not located; not the one at 1530/6100 (USBGN)], southern Santa Cruz, collector?, 17, 19, 23 Sept. 1987 (Cabot & Serrano, 1988:188, 189); not indicated on our maps; MHA shows a Cerro *Cortado* [1929/6220 (USBGN)], E of Río Parapetí [1858/6221 (USBGN)], one of the few hills in the region, which may be the same as Cerro Colorado.

COLORADO, RÍO; Santa Cruz 1738/6354 (USBGN)
Small tributary of upper Río Yapacani [1600/6425 (USBGN)] a short distance W of Buena Vista [1727/6340 (USBGN)] (MHA); F. Steinbach, 18, 20 Sept. 1944 (FMNH); see, also, Colorado.

COLUYA; Cochabamba Not located
Collector?, date? (Esteban, 1951, Acta Zool. Lilloana, **12**:410); probably a misspelling.

COMANCHE; La Paz 1704/6825 (USBGN)
4,035 m, in central southern part of department, 64 km SW of city of La Paz [1630/6809 (USBGN)] (MHA, as "Comanchi"); puna, stony, thola shrubs, tussock grass, Cabot, 6 Mar. 1984 (Cabot, 1991:205).

COMANCHI (MHA); see Comanche.

COMARAPA; Santa Cruz 1754/6429 (USBGN)
ca. 1,500 m, in mountains on western border of central Santa Cruz, ca. 15 km NE of Chilón [1759/6436 (USBGN)] (MHA); F. Steinbach, 15 July, 24, 26 Aug., 1-2, 5, 8, 10-12, 15-20, 22-30 Sept., 1-8, 10-13, 15-16, 18-28 Oct. 1926, Crossin, 28 km W at 8,400 ft [2,550 m],

21-25, 27 Mar. 1973, Crossin, 30 km W at 8,200 ft [2,500 m], 14, 17-24, 29 Dec. 1972 (FMNH, also as "Camarapa", "Companapa", and "Camarpa"); Nores and Yzurieta, at 1,815 m, late Oct. 1982 (Nores & Yzurieta, 1984:329); Schmitt, 6 km S and 10 km E, at 1,527 m, in Río Pulquina [1806/6425 (USBGN)] valley, 11 Feb. 1979 (Remsen, et al., 1987:15); Parker and Rowlett, E of Comarapa in Tambo School area, 6-8 Oct. 1983 (Parker & Rowlett, 1984:113); Cook, 1 km N and 8 km W of Comarapa, at 2,450 m, 9 Sept. 1984 (Remsen, et al., 1987:13); see, also, Espizana.

COMMUNIDAD TOLERANCIA (Fjeldså, 1987:40); see Comunidad Tolerancia.

COMPANAPA (FMNH); see Comarapa.

COMUNIDAD TOLERANCIA; La Paz ca. 1730/6800 Alt.?; between Patacamayo [Patacamaya, 1714/6755 (USBGN)] and Río Desaguadero [1824/6705 (USBGN)], on altiplano, camp nearby at 4,000 m, Fjeldså, et al., 27-28 April 1987 (Fjeldså, 1987:40, as "Communidad Tolerancia").

CONCEPCION; El Beni (d'Orbigny, 1846:89); see Puerto de Concepción.

CONCEPCIÓN; Santa Cruz 1615/6204 (USBGN) 490 m (MAPA); northeastern Santa Cruz in Provencia Ñuflo de Chávez [1555/6230 (USBGN)], 140 km NE of city of Santa Cruz [1748/6310 (USBGN)] (ONC); shown too far E on MHA; d'Orbigny, 10-13 July, late Nov. 1831 (d'Orbigny, 1839-1843, pp. 594-598, 663; 1846, p. 169; Sclater & Salvin, 1879:593, 601, as "Mission [Misión] de Concepcion"); Davis, 7-9, 12-13 July, 8, 11-16, 18, 20-23, 25-26, 29 Sept., 1, 6-7, 9, 14, 29 Nov. 1985, 19, 25, 27 Feb., 1-2, 16, 21, 23-27, 29, 31 Mar., 1-5, 7-8, 10-12, 19-20 April, 2, 15, 22, 31 May, 3 June, 11, 30 Sept., 5, 14, 20, 22-26, 31 Oct., 5, 14, 25-26, 20 Nov., 2 Dec. 1986, 4, 7, 22, 25 Jan., 13, 18 Feb., 17, 23, 25-28, 30-31 Mar., 5-12, 16, 18, 20-23, 27-29 April, 12 Sept. 1987 (FMNH); Remsen, et al., ca. 70 km E at 325 m, 17 June, 3 Aug. 1984 (Remsen, et al., 1985:129; 1986:30); Remsen, at Río Quizer [1637/6246 (USBGN)] at 300 m, on San Ramón [1726/6103 (USBGN)]/Concepcíon road, 10-15 June 1984 (Schmitt, et al., 1986:309).

CONCEPCION, MISSION DE (Sclater & Salvin, 1879:601); see Concepción; Santa Cruz.

CONCEPCION DE MOXOS (d'Orbigny, 1846:89); see Puerto de Concepción.

CONCHOSTRACA, LAGUNA; Potosí 2218/6714 (Hurlbert, 1978:14)
ca. 4,250 m, coined name for a very small lake in southernmost Potosí, Hurlbert, 1 Dec. 1977 (Hurlbert, 1978:14); not found on available maps.

CONDÓR, SIERRA DE; Tarija Not located
Alt.?; Budin, at 1,700 m, May 1925 (USNM); this may be Cerro Condór [2158/6511 (USBGN)] in southwestern Tarija on the Argentina border.

CONIMA; Puno, Peru
Erroneously attributed to Bolivia by Allen & Garman (1876:353).

CONIRI; La Paz 1649/6829 (USBGN)
3,915 m, on railway, 42 km SW of city of La Paz [1630/6809 (USBGN)] (MHA); Stübel, at 4,100 m, Oct.-Nov. 1876 (Menegaux, 1909:206); O. Garlepp, April 1897 (Niethammer, 1953a:204).

CONSATA; La Paz 1520/6832 (USBGN)
ca. 1,200 m, in western central La Paz, 43 km WSW of Mapiri [1514/6810 (USBGN)] and 72 km E of Lago Titicaca [1548/6924 (USBGN)] (MHA); Buckley, 1875 (Sclater & Salvin, 1879:594); Hellmayr, 1921:201, as "Consati".

CONSATI (Hellmayr, 1921:201); see Consata.

COPACABANA; La Paz 1610/6905 (USBGN)
ca. 3,800 m, on peninsula extending into southern end of Lago Titicaca [1548/6924 (USBGN)] (MHA); Dott, 1970 (Dott, 1986:134).

COROCORO; La Paz 1712/6829 (USBGN)
4,020 m, 85 km SW of city of La Paz [1630/6809 (USBGN)] (MHA); Stübel, Oct.-Nov. 1876 (Menegaux, 1909:212); O. Garlepp, April 1897 (Niethammer, 1953a: 204)

COROICO; La Paz 1610/6744 (USBGN)
1,725 m, in Yungas [1620/6645 (USBGN)] region, near head of Río Coroico [1527/6750 (USBGN)], 64 km NE of La Paz [1630/6809 (USBGN)] (MHA); Warszewiez, ca. 1852-1853 (Sclater & Salvin,

1879:590, 630); Davis, early 1875? (Allen & Garman, 1876:349); O. Garlepp, in general area from ca. 15 Feb.-3 Nov. 1895, including at Farinas [1555/6747 USBGN)], Suapi [1530/6731 (USBGN)], and Songo [Zongo, 1607/6802 (USBGN)], all of which see (Niethammer, 1953a:203); Dott, ca, 1969-1975 (Dott, 1986:135); collector?, on Río Coroico, 2 Nov. 1982 (Cabot & Serrano, 1988:190); Parker and Remsen, 25 May 1979 (Remsen, et al., 1986:25); Peña, between Coroico and Unduavi [1619/6754 (USBGN)], 20-23 Nov. 1984 (WFVZ).

COROICO, RÍO (Bond & de Schauensee, 1942b:311); see Coroico and Santa Ana; La Paz.

CORUTO, LAGUNA (Hurlbert, 1978:14); see Curutú, Laguna.

COSAPILLA; La Paz 1755/6918 (USBGN)
ca. 4,200 m (Menegaux, 1909:224); in southwestern corner of department on the Chilean border; not shown on our maps; Stübel, date? [1876?] (Menegaux, 1909:224).

COSMINI; Cochabamba (Chubb, 1919:5); see Cosmini; La Paz.

COSMINI; La Paz 1655/6812 (USBGN)
ca. 3,850 m (MHA); on railway, just W of Calamarca [1655/6809 (USBGN)] and ca. 45 km S of La Paz [1630/6809 (USBGN)]; not depicted on our maps; Simons, at 4,300 m, 9 Mar. 1901 (Chubb, 1919:5, as "Cosmini, Cochabamba").

COSTA MÁRGUES (Remsen, et al., 1990:371); see Iténez, Río.

COSTA MARQUEZ; Brazil; see Iténez, Río.

COTAÑA; La Paz 1549/6837 (USBGN)
3,600 m (Gyldenstolpe, 1945:map); on eastern side of Nevado Illampu [1550/6834 (USBGM)], E of Lago Titicaca [1548/6924 (USBGN)] (MHA); puna grasslands, Olalla, 26 July-1, 7 Aug. 1938 (FMNH; Fjeldså & Krabbe, 1989:322).

COTAPAMPA; see Ulla Ulla, Reserva Nacional de.

COTAPATA; La Paz ca. 1619/6751?
3,300 m, sometimes as "Cocapata", 4.5 km WNW [WSW?] of

Chuspipata [ca. 1618/6750], Cardiff and Remsen, 28 May-25 June 1980 (Cardiff & Remsen, 1981:304; Remsen, 1981:1071; 1985:733).

COTOCA; Santa Cruz 1749/6303 (USBGN)
ca. 500 m, ca. 20 km E of city of Santa Cruz [1748/6310 (USBGN)] in central western part of department (MHA, where shown slightly too far S and E); Kerr, 15 Sept. 1966 (USNM).

CRECENCIA; Santa Cruz 1731/6052 (USBGN)
ca. 300 m (MHA); 35 km N of San José de Chiquitos [1751/6047 (USBGN)], western Santa Cruz (MAPA); Krieg, in vicinity, including at San Ramón [1726/6103 (USBGN)] and San José de Chiquitos, 6 Sept.-14 Oct. 1926, with known dates of 20-28 Sept. (Laubmann, 1930:4, 72, 95, 98, 99, 114, 125, 127, 154, as "La Crecencia").

CRUCERO, RÍO; Oruro Not located
Fjeldså, et al., NE Oruro, on upper Río Crucero at 3,700-4,000 m, puna, grass, thola heath, some bog, 23 April 1987 (Fjeldså, 1987:398; Cabot, 1991:204, 206).

CUCHACANCHA (Chapman, 1919a:258); see Cuchicancha.

CUCHI, RÍO; Santa Cruz 1724/6326 (USBGN)
Small tributary of Rio Huenda [Río Guendá, 1721/6320 (USBGN)], ca. 14 km S of Portachuelo [1721/6340 (USBGN)] and between Buena Vista [1727/6340 (USBGN)] and Warnes [1730/6310 (USBGN)] (MHA); Steinbach, 12 Dec. 1922 (Remsen, et al., 1986:26, as "El Cuchi").

CUCHICANCHA; Cochabamba ca. 1721/6542
(MHA) 11,000 ft [3,350 m] (Chapman, 1919a:258); central Cochabamba, 28 km E of Sacaba [1723/6601 (USBGN)] (MHA); Miller and Boyle, 13-18 June 1915 (Chapman, 1919a:258, as "Cuchacancha"; 1919b:329, as "Cuchacancha"; 1921:5, as "Cucha-cancha"); Barros, 16 June 1915 (WFVZ, as "Cuchacancha"); F. Steinbach, 29 July 1927, 29 July, 12 Aug. 1937, 30 Jan., 10 Feb. 1938, 15, 18, 20, 30 Oct., 10 Nov. 1939 (FMNH, also as "Cuchicanchi"); Bond & de Schauensee (1942b:311, as "Cuchacancha") erroneously state that Cuchicancha is equivalent to Aguirri [Aguirre, 1722/6544 (USBGN)]; although the sites are close, no specimens seem to have been taken at Aguirre; collector?, date? (Esteban, 1951, Acta Zool. Lilloana, **12**:391, 410, 427, as "Cuchicanchi").

CUCHICANCHA, RÍO; Cochabamba Not located
F. Steinbach, 10 Oct. 1939 (FMNH); presumably in vicinity of Cuchuicancha [ca. 1721/6542 (MHA)], where collector was about this time.

CUCHICANCHI (FMNH); see Cuchucancha.

CUCHO, CUESTA; Cochbambaca 1715/6545 (Gyldenstolpe, 1945:map)
2,300 m, ca. 80 km NE of Cochabamba [1724/6609 (USBGN)] (Gyldenstolpe, 1945:85, 90, map); 13 km above Incachaca [1714/6549 (USBGN)], Olalla, 18-27 May 1938 (Fjeldså & Krabbe, 1989:322).

CUEVO; Chuquisaca 2027/6332 (USBGN)
ca. 3,000 ft [900 m] (ONC); on slopes of southeastern Chuquisaca, on border with Santa Cruz (MHA); Krieg, 12-14 [error?] July 1926, with known dates of 10, 12, 22, 26 July (Laubmann, 1930:4, 112, 113, 115, 209, 253).

CULPINA; Chuquisaca 2050/6458 (USBGN)
9,600 ft [2,900 m] (FMNH); extreme southwestern Chuquisaca, 34 km SE of Camargo [2039/6513 (USBGN)] (MHA); Crossin, 6-7 Feb. 1973 (FMNH); also see Camargo.

CUMBRE IMPORA; Chuquisaca 2110/6520 (Cabot & Serrano, 1988:188)
Alt?; in Provincia Sud Cinti [2055/6455 (USBGN)], southwestern Chuquisaca; collector?, 24 Nov. 1982 (Cabot & Serrano, 1988:188); does not appear on our maps.

CURAHUARA (MHA); see Curahuara de Carangas.

CURAHUARA DE CARANGAS; Oruro 1752/6826 (USBGN)
3,928 m, in Provincia Sajama [1755/6820 (USBGN)], northwestern Oruro, 150 km W of city of Oruro [1759/6709 (USBGN)] (MHA, as "Curahuara"; MAPA-II); d'Orbigny, ca. 8 April 1833 (d'Orbigny, 1846, pp. 323-327, as "Carangas"; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 141, as "Carahuara de Carangas"); Schmitt, 19 km by road SW at ca. 3,860 m, 2, 8 Dec., 43 km by road SW at 4,025 m, 9 Dec., 28.9 km by road E at 3,850 m, 2 Dec. 1984 (Schmitt & Schmitt, 1987:130, as "Curahurra de Sajama"); Fjeldså, et al., between Río Desaguadero [1824/6705

(USBGN)] and Curahuara de Carangas, and Curahuara de Carangas to near Nevado Sajama [1806/6854 (USBGN)], 28 April 1987 (Fjeldså, 1987:40).

CURAHURRA DE SAJAMA (Schmitt & Schmitt, 1987:130); see Curahuara de Carangas.

CURICHE; Santa Cruz ca. 1843/6312 (MAPA-II)
Alt.?; on right bank of upper Río Grande [1551/6439 (USBGN)], in the foothills of central eastern Santa Cruz, ca. 12 km ENE of Cabezas [1846/6324 (USBGN)] (MAPA-II); J. Steinbach, 17 Aug. 1909 (Todd, 1913, Proc. Biol. Soc. Washington, **26**:173, as "Curicke"; Remsen, et al., 1987:15).

CURICHE DE SAN RAMON (Laubmann, 1930:83); see San Ramón.

CURICHE NUEVA MOKA (Remsen, et al., 1985:126); see Nueva Moka.

CURICHI NUEVA MOKA (CM); see Nueva Moka.

CURICKE (Todd, 1913:173); see Curiche.

CURIRABA, ARROYO (Cabot & Serrano, 1986:170); see Cariraba, Arroyo.

CURUTO, LAGUNA (MHA); see Curutú, Laguna.

CURUTÚ, LAGUNA; Potosí 2226/6701 (USBGN)
ca. 4,525 m, 18 km^2 lake (Hurlbert, 1978:14); in southernmost Potosí (MHA, as "Laguna Curuto"; ONC, as "Laguna Caruta"); Hurlbert, 1 Dec. 1977, 18 Feb 1979 (Hurlbert, 1978:14, as "Laguna Coruto"; 1981:6, as "Laguna Coruto").

CURVA; La Paz 1507/6903 (USBGN)
ca. 4,000 m, close to Peruvian border in central western La Paz, 10 km N of Charasani [Charazani, ca. 1513/6903 (MHA)] (MHA, as "Curve"); Cabot?, in pass between Charazani and Curva at 4,600-4,900 m, 1981-1982 (Cabot, 1991:205).

CURVE (MHA); see Curva.

CUSILLANI; La Paz Not located
Collector?, date? (Bond & de Schauensee, 1942b:363); probably this should be Cerro Cusilluni [1554/6848 (USBGN)], erroneously spelled "Cusillini" by Paynter, et al., 1975:19, NW of the city of La Paz [1630/6809 (USBGN)].

CUSILLINI, CERRO (Paynter, et al., 1975:19); see Cusillani.

CUSILLUNI, CERRO; see Cusillani.

CUTASAYA; Oruro Not located
4,250 m, at northeastern foot of Nevada Sajama [1806/6854 (USBGN)], northwestern Oruro, Vuilleumier, 17 Oct. 1967 (Vuilleumier, 1969:605); almost certainly this is Calasaya [1759/6851 (USBGN)].

DAPHNIA, LAGUNA; Potosí 2218/6715 (Hurlbert, 1978:14)
ca. 4,650 m, coined name for a very small lake in southern Potosí, Hurlbert, 1 Dec. 1977 (Hurlbert, 1978:14); not found on our maps.

DESAGUADERO; La Paz 1634/6902 (USBGN)
ca. 3,825 m, at extreme southern end of Lago Titicaca [1548/6924 (USBGN)], 95 km W of city of La Paz [1630/6809 (USBGN)] (MHA); J. Steinbach, at 3,600 m, 10, 12-13, 17, 20 Feb., 6, 14 Mar. 1922 (Todd, 1932, Proc. Biol. Soc. Washington, **45**:219; FMNH).

DESAGUADERO, RÍO; La Paz/Oruro 1824/6705 (USBGN)
Major river rising at southern end of Lago Titicaca [1548/6924 (USBGN)] and flowing S and SE to empty into northern end of Lago de Poopó [1845/6707 (USBGN)], 15 km W of town of Poopó [1823/6659 (USBGN)] (MHA); collector?, date? (Bond & de Schauensee, 1943:171, as "Poopó, Río Desaguadero").

DOLORES, RÍO; Santa Cruz 1722/6341 (USBGN)
Small river in vicinity of Buena Vista [1727/6340 (USBGN)], central western Santa Cruz; not named on our maps; J. Steinbach, at 450 m, 19 Mar., 17, 30 May 1916 (Todd, 1922, Proc. Biol. Soc. Washington, **35**:191; 1942, Ann. Carnegie Mus., **29**:318, 370; Orfila, 1936, Hornero, **6**:212; Remsen, et al., 1987:10); see, also, Buena Vista.

DURAZNILLO; Cochabamba 1746/6459 (USBGN)
2,643 m, south-central Cochabamba, 18 km SW of Pojo [1745/6449 (USBGN) (MHA); Steinbach, 27 Mar, 1920 (Todd, 1926, Ann. Carnegie Mus.,**17**:65; Remsen, et al., 1987:7).

EL ALTO; La Paz 1630/6810 (USBGN)
ca. 3,600 m, on outskirts of La Paz [1630/6809 (USBGN)]; not indicated on maps available to us; Vuilleumier, below pass on road between El Alto and Zongo [1607/6802 (USBGN)], at 4,480 m, 19 Jan. 1968 (Vuilleumier, 1969:601).

EL ASTILLERO; La Paz ca. 1615/7635 (Gyldenstolpe, 1945:map)
3,000 m, on left bank of Río Tamampaya [1616/6713 (USBGN)], ca. 125 km NE of La Paz [1630/6809 (USBGN)] (Gyldenstolpe, 1945:map); Simons, at 2,700 m, 20-24 Nov. 1900, 14-20 Feb. 1901 (Chubb, 1919:5, as "Astillera"); the gender of the locality was incorrect as given; a few km N of Chulumani [1624/6731 (USBGN)], Olalla, at 2,000 m, 20-23 Sept., at 3,000 m, 27 Oct. 1938 (FMNH; Gyldenstolpe, 1941:5; Fjeldså & Krabbe, 1989:322); Künzel, date? (Niethammer, 1956:122, as "Astillero"); it is unknown whether or not the article *El* should be employed.

EL BENI, DEPARTAMENTO D[EL] 1400/6530 (USBGN)
Central northern Bolivia, bounded on NE by Brazil, on NW by Pando, on W by La Paz, and on S by Cochabamba and Santa Cruz; part of northeastern border formed by Río Iténez [or Río Guapore, 1154/6501 (USBGN)].

EL CABRADA (Chubb, 1919:11); see El Cabrado, Posta.

EL CABRADO, POSTA; Chuquisaca 1905/6505 (Chubb, 1919:5)
3,500 m, Simons, 18-21 Sept. 1901 (Chubb, 1919:5,as "El Cabrada, Posta", p. 11, as "El Cabrada"); short distance SE of Sucre [1902/6517 (USBGN)], northwestern Chuquisaca; not found on our maps.

EL CARMEN; Santa Cruz 1356/6340 (USBGN)
ca. 200 m, on middle Río Blanco [ca. 1307/6348 (ONC)], central northern Santa Cruz (MHA, where shown too far S; ONC);

d'Orbigny, 4-10 Feb. 1832 (d'Orbigny, 1846:86-88, as "Carmen de Moxos"; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 140, as "Carmen de Moxos").

EL CHORO; Cochabamba 1656/6642 (USBGN)
3,500 m (Chubb, 1919:5, as "Choro"); 11,000 ft [3,350 m] (Bond & de Schauensee, 1942b:311, as "Chorros"); northwestern Cochabamba, ca. 43 km ESE of Iquisivi [1658/6710 (USBGN)] and next to Cocapata [1657/6642 (USBGN)]; does not appear on our maps; Simons, 5-6 May, 22-25 July 1901 (Chubb, 1919: 31); Carriker, 4-15 Jan. 1937 (Bond & de Schauensee, 1942b:311); identification of Carriker locality uncertain as Bond & de Schauensee (loc. cit.) place near city of Cochabamba [1724/6609 (USBGN)] but El Choro is some 80 km away; F. Steinbach, 22-25 June, 7-9, 11, 14-18, 21-24, 26-30 July, 3, 5, 7, 25, 27-28 Aug., 9-20 Sept., and "below Choro", 27, 29-30 June, 1, 3, 6-7 July, 10, 12, 14, 17-18, 20 Aug., 6-7, 9, 20 Sept. 1953 (FMNH, as "Choro"; Remsen, 1984:173, as "Bajo Choro").

EL CONSUELO; El Beni ca. 1420/6715 (Gyldenstolpe, 1945:map)
196 m, small estancia on pampas, ca. 12 km E of Reyes [1419/6723 (USBGN)], inundated during rains, thickets to the E, patches of forest, Olalla, 27 Dec.1937-14 Jan. 1938 (Gyldenstolpe, 1941:4; 1945:15-16, map).

EL CUCHI (Remsen, et al., 1986:26); see Cuchi, Río.

EL CUMBRE (Zimmer, 1936, p. 17); see La Cumbre.

EL DESIERTO; El Beni ca. 1345/6720 (Gyldenstolpe, 1945:map)
190 m, central western El Beni, on right bank of upper Río Beni [1023/6524 (USBGN)], ca. 115 km N of Reyes [1419/6723 (USBGN)], Olalla, 18-19 Nov. 1937 (Gyldenstolpe, 1945:58, 71, map).

ELE ELE; Cochabamba 1806/6445 (USBGN)
1,430 m, on middle Río Mizque [1839/6420 (USBGN)], southeastern Cochabamba, 35 km SW of Comarapa [1754/6429 (USBGN)] (MHA); thick, xerophytic vegetation, hot, Carriker, 8-17 Oct. 1937 (Bond & de Schauensee, 1942b:312).

EL ENCUENTRO Not located
On Río Beni [1023/6524 (USBGN)], collector? [Carriker?], 9 Sept. year? (Bond & de Schauensee, 1943:186).

EL JUNO; Cochabamba 1718/6544 (USBGN)
Alt.?; mountain in central western Cochabamba, NE of Colomi [1721/6552 (USBGN)] and E of city of Cochabamba [1724/6609 (USBGN)]; not shown on our maps; Steinbach, at summit, date? (Todd, 1942, Ann. Carnegie Mus., **29**:339, 370, as "Cejas del Juno"); F. Steinbach, at 9,000 ft [2,750 m], 16, 18-19, 24-25 Aug. 1929 (FMNH, as "Cejas del Cerro Juna", "Cejas del Cerro Juno", and "Cerro Juno"); F. Steinbach, at Lago del Cerro Juno [not located], at 11,000-12,000 ft [3,350-3,650 m], 23 Aug. 1929 (FMNH); F. Steinbach, on E side, dates? [Aug. 1929?], Carriker, W side, 12,500-14,600 ft [3,800-4,450 m], and also in vicinity of Tiraque [1715/6543 (USBGN)], which see, 26 Sept.-4 Oct. 1937 (Bond & de Schauensee, 1942b:310, 317, as "Cerro del Juno").

EL LIMBO (Remsen, et al., 1982:80); see Limbo.

EL LOCOTAL (Fjeldså & Krabbe, 1989:322); see Locotal.

EL OCOTAL Not located
1,850 m, in Yungas [1620/6645 (USBGN)] region, Olalla, date? (Niethammer, 1956:100).

EL PALMAR (FMNH); see Palmar.

EL PALO; Santa Cruz Not located
Alt.?; very near Cuesta La Negra [Cuesta Negra, 1807/6340 (USBGN)], Steinbach, 20 July 1921 (Remsen, et al., 1986:23); apparently in foothills of western Santa Cruz, near Samaipata [1809/6352 (USBGN)].

EL PALO MARCADO (MHA); see Palo Marcado.

EL PAQUIOCITO (Gyldenstolpe, 1945:18); see Pascana del Paquiocito.

EL PESCADO (MHA); see Villa Serrano.

EL PONGO (Bond & de Schauensee, 1942b:312); see Pongo.

EL PUENTE; Tarija 2117/6517 (USBGN)
ca. 2,400 m, on PanAmerican Highway, on Tarija/Potosí border, adjacent to Las Carreras [2115/6517 (USBGN)] and ca. 65 km WNW of Tarija [2131/6445 (USBGN)] (MHA); Dott, ca. 1969-1975 (Dott, 1986:135).

EL TRIGAL; Santa Cruz 1817/6408 (USBGN)
1,740 m (MAPA); in mountains near western edge of department, 24 km NNW of Valle Grande [1829/6406 (USBGN)] (MHA; ONC, as "Trigal"); G. Garlepp, 2 July 1890 (Niethammer, 1953a:20l, as "Trigal").

EMMA [EMA], CABO; Alto Paraguay, Paraguay
Erroneously attributed to Bolivia by Bond & de Schauensee (1942b:349).

EMPEXA, SALAR DE; Potosí 2022/6832 (USBGN)
ca. 3,320 m, large salt lake W of Salar de Uyuni [2020/6742 (USBGN)] and close to Chilean border (MHA); F. Philippi, 27 Feb. 1885 (F. Philippi, 1886, *Reise nach der Provinz Tarapacá*, Vol. 1, p. 149; R. A. Phillipi, 1888, Ornis, **4**:159).

ENCANTO, ARROYO DEL; Santa Cruz 1430/6040 (Bates, et al., 1989:236)
550 m, W of Serranía de Huanchaca [1430/6039 (USBGN)] and 30 km E of Florida [1438/6115 (USBGN)], extreme northeastern Santa Cruz, hilly, forested, Bates, et al., sometime between 30 June and 12 Aug. 1988, with known dates of 13-14, 17-18 July (Bates, et al., 1989:236-238); not indicated on available maps.

ENQUISIVI (Sclater & Salvin, 1879:591); see Inquisivi.

ENTRE RÍOS; Santa Cruz (FMNH); see Entre Ríos; Tarija.

ENTRE RÍOS; Tarija 2132/6412 (USBGN)
4,593 ft [1,400 m] (ONC); on right side of upper Río Salinas [2154/6420 (USBGN)], a tributary of Rio Grande de Tarija [2253/6421 (USBGN)], 58 km E of city of Tarija [2131/6445 (USBGN)] (MHA); in level valley, streams flowing through pastures, wet season from Nov.-April, Carriker, 17-23 Oct. 1936 (Bond & de Schauensee, 1939a:5; 1941:5; 1942b:312); Dott, 4 Nov. 1974 (Dott, 1984:108); Dott, ca. 1969-1975 (Dott, 1986:135); Vuilleumier, ca. 25 km NW, 8 Dec. 1967 (Remsen & Traylor, 1983:96); Crossin, 25

km NW, at 5,400 ft [1,650 m], 2-6 Jan., 80 km S, at 6,400 ft [1,950 m], 13 Jan. 1973 (FMNH, also as "Entre Ríos, Santa Cruz"; Remsen & Traylor, 1983:97, as "Entre Ríos, Santa Cruz").

ESCALERILLA (Fjeldså & Krabbe, 1989:321); see La Escalerilla.

ESPERANZA; El Beni (MHA); see Cachuela Esperanza.

ESPERANZA; La Paz (Esteban, 1951:427); see Pacajes.

ESPERANZA; La Paz 1749/6847 (USBGN)
12,000 ft [3,650 m] (FMNH); in southwestern La Paz, ca. 165 km SW of city of La Paz [1630/6809 (USBGN)]; not shown on our maps; G. Garlepp, 12 Oct. 1892 (Berlepsch, 1901:94), 3 Oct. 1896-21 April, late May-13 July 1897 (Niethammer, 1953a:204, also as "La Esperanza"; Chubb, 1913, Bull. Brit. Ornith. Club, 33:80) 5 Mar., 28 April 1901 (FMNH; USNM); collector? [Garlepp?], 4 May 1901 (FMNH); see, also, Pacajes.

ESPIRÍTU SANTO; Cochabamba 1705/6538 (USBGN)
ca. 700 m, central Cochabamba, 56 km NE of Sacaba [1723/6602 (USBGN)] and near mouth of Río Espirítu Santo [ca. 1703/6538 (MHA)]; G. Garlepp, 6 Oct. 1890 (Niethammer, 1953a:201); Cherrie, 28 Feb., 3-4, 6 Mar. 1915 (FMNH); see, also, Espirítu Santo, Río, and San Antonio, Río.

ESPIRÍTU SANTO, RÍO; Cochabamba ca. 1703/6538 (MHA)
A short headwater of Río Chaparé [1558/6442 (USBGN)] rising in central Cochabamba on lower slopes NE of Incachaca [1714/6549 (USBGN)], flowing into Río Juntas [Río Juntas Vandiola, 1707/6513 (USBGN)], which in turn flows into the Río San Mateo [1703/6524 (USBGN)], and finally into the Chaparé (MHA); Cherrie, 28 Feb., 1-3, 5-6, 9 Mar. 1915 (FMNH); see, also, San Antonio, Río, and Espirítu Santo.

ESPIZANA; Santa Cruz Not located
Collector?, in Cordillera Oriental, 101 km by road SE of Espizana, in "Siberia [1754/6429 (Parker & Rowlett, 1984: 1120)] cloud forest" at 2,989 m, date? (Remsen, 1981:1069); possibly a misspelling of Esperanza; Remsen (loc. cit.) suggests this may be close to or equivalent to the locality 30 km W of Comarapa [1754/6429 (USBGN)], which see; Rowlett and Ridgely, at "Siberia cloud forest", 18 Oct. 1979 and Parker and Rowlett, at "Siberia

cloud forest" at 3,000 m, 8-9 Oct. 1983 (Parker & Rowlett, 1984:112, 113).

ESTACIÓN BIOLÓGICA DEL BENI; El Beni 1438/6618 (Parker, et al., 1991:121)
200 m, eastern El Beni, ca. 40 km E of San Borja [1149/6651 (USBGN)], Davis, 19-20 July 1987 (FMNH); Rocha, 1988-1989, with specific dates of 24 Oct. 1988, Parker and Gell-Mann, 17-18 June 1989 (Parker, et al., 1991:121, 125); not shown on our maps.

ESTANCIA BOTIJLACA; La Paz Not located
Alt.?; in upper valley of Río Zongo [1543/6741 (USBGN)], northeastern La Paz, Fjeldså, et al., in treeline scrub at 3,800 m, between Estancia Botijlaca and Chaco Pampa [not located], 9-10 April 1987 (Fjeldså, 1987:34); presumably near Botijlaca [1613/6807 (USBGN)].

ESTANCIA CACHUELA ESPERANZA; Santa Cruz Not located
Alt.?; Olds, 21 Aug. 1984 (Remsen, et al., 1986:28); there is a Cachuela Esperanza [1032/6538 (USBGN)] in El Beni, which causes one to question the allocation of this locality.

ESTANCIA INGLATERRA; El Beni Not located
Alt?; cattle ranch in mixture of marsh, grassland, savanna, and gallery forest on Río Yata [not located; apparently not river with this name at 1029/6526 (USBGN)], in Provincia Yacuma [1330/6600 (USBGN)], W of Trinidad [1447/6447 (USBGN)], central El Beni, Remsen, 22 Nov.-26 Dec. 1976 (Remsen & Ridgely, 1980:69, 70, 71, 72; Remsen, 1986); Remsen & Ridgely (op. cit., p. 69) give coordinates as 1443/6625, but Remsen (op. cit., p. 21) gives 1330/6630.

ESTANCIA KENCOARA (Fjeldså, 1987:38); see Estancia Kenkoara.

ESTANCIA KENKOARA; Potosí Not located
3,700 m, central western Potosí, between city of Potosí [1935/6545 (USBGN)] and Chullpa-Khasa [Chullpakasa, 1924/6558 (USBGN)], puna, stony, thorny scrub, small wheat fields, Fjeldså, et al., 21-22 April 1987 (Fjeldså, 1987:38, as "Estancia Kencoara"; Cabot, 1991:206); correct spelling unknown.

ESTANCIA LAS MADRAS; Santa Cruz ca. 1613/6204
500 m, 8 km N of Concepción [1615/6204 (USBGN)], Provincia

Ñuflo de Chávez [1555/6204 (USBGN)], northeastern Santa Cruz, Davis, 30-31 Oct., 1-10 Nov. 1985, 12-16 Feb. 1986, 7 Feb., 31 Oct. 1987 (FMNH); not found on maps available to us.

ESTANCIA LAS MARAS; Santa Cruz ca. 1620/6242
450 m, 10 km W of San Javier [1620/6238 (USBGN)], Provincia Ñuflo de Chávez [1555/6204 (USBGN)], north-central Santa Cruz, Davis, 7 Feb. 1986, 4-7 Feb. 1987 (FMNH); not shown on our maps.

ESTANCIA PERFORACIÓN (Remsen, et al., 1990:369; see Perforación.

ESTANCIA SAN JOSELITO; Santa Cruz ca. 1605/6208
500 m, 8 km NW of Concepción [1615/6204 (USBGN)], Provincia Ñuflo de Chávez [1555/6230 (USBGN)], northeastern Santa Cruz, Davis, 23-25, 27-28 June, 4-5, 7-9 July 1985 (FMNH); not found on our maps.

ESTANCIA SAN MARCOS; El Beni Not located
Alt.?; on lower Río Isiboro [1528/6505 (USBGN)], south-central El Beni, Remsen, 2 Feb. 1977 (Remsen, 1988:14); see, also, Isiboro-Securé, Parque Nacional.

ESTANCIA SAN SEBASTIÁN; Santa Cruz ca. 1625/6204
450 m, 28 km S of Concepción [1615/6204 (USBGN)], Provincia Ñuflo de Chávez [1555/6230 (USBGN)], northeastern Santa Cruz, Davis, 21, 24-25 Feb., 1 Mar. 1987 (FMNH); not shown on our maps.

ESTANCIA SANTA MARÍA; Santa Cruz Not located
Alt.?; extreme northeastern Santa Cruz, ca. 80 km SW of San Matias [1622/5824 (USBGN)], Ridgely, 26 Mar.-1 April 1977 (Remsen & Ridgely, 1980:71, 74).

ESTANCIA ZAPACOZ; Santa Cruz ca. 1615/6204
500 m, 1.5 km N of Concepción [1615/6204 (USBGN)], Provincia Ñuflo de Chávez [1555/6230 (USBGN)], northeastern Santa Cruz, Davis, 22-24, 28, 31 May 1986, 25 Mar. 1987 (FMNH); not indicated on our maps.

EVERU; Cochabamba Not located
Alt?; F. Steinbach, 17 Dec. 1928 (FMNH); probably a misspelling; collector also at Chocaya [not located] on same date.

EXALTACIÓN; El Beni 1316/6515 (USBGN)
117 m, on lower Río Mamoré [1023/6523 (USBGN)], ca. 150 km from its mouth (MHA); d'Orbigny, 1-7 April 1832 (d'Orbigny, 1846, pp. 125-126, as "Exaltación de la Cruz").

EXALTACIÓN DE LA CRUZ (d'Orbigny, 1846:125); see Exaltación.

FARINAS; La Paz 1555/6747 (USBGN)
ca. 1,000 m, in Yungas [1620/6645 (USBGN)] region, ca. 25 km N of Coroico [1610/6744 (USBGN)] (MHA, as "Farmas"); O. Garlepp, ca. 15 Feb.-3 Nov. 1895 (Niethammer, 1953a:203).

FARMAS (MHA); see Farinas.

FILADELFIA; Pando 1120/6846 (USBGN)
ca. 300 m, northwestern Pando, on upper Río Tahuamanu [1106/6736 (USBGN)], 35 km S of Cobija [1102/6844 (USBGN)] (MHA); Parker and Remsen, 10 km W, 14-15 June, and on Porvenir [1115/6841 (USBGN)]/Filadelfia road, 11-25 June 1986 (Parker & Remsen, 1987:96, as "Filadelphia").

FILADELPHIA (Parker & Remsen, 1987:96); see Filadelfia.

FINCA CAPIRI; La Paz ca. 1640/6826
Alt.?; 12 km W of Viacha [1639/6818 (USBGN)], Provincia Ingavi [1650/6840 (USBGN)], Cardiff and Remsen, 1-3 July 1980 (Remsen, et al., 1986:23); although not stated, must be near the railroad station of "Capire" of MHA [Capari, 1640/6826 (USBGN)]; correct spelling unknown.

FINCA PATATI (Fjeldså & Krabbe, 1989:322); see Patati.

FINCA SALO (Bond & de Schauensee, 1939a:1); see Salo.

FINCA SANTA ELENA; Oruro ca. 1840/6700 (Niethammer, 1953a:map)
ca. 3,700 m, about in middle of stony eastern shore of Lago de Poopó [1845/6707 (USBGN)], 9-11 Dec. 1951 (Niethammer, 1953a:197, 198); shown only on Niethammer's map (p. 197).

FINCA SILALA; La Paz ca. 1630/6725 (Gyldenstolpe, 1945:map) 2,400 m, ca. 160 km E of La Paz [1630/6809 (USBGN)] (Gyldenstolpe, 1945:map); E of Laza [1625/6726 (USBGN)], wet primary forest, Olalla, 18-23 Oct. 1938 (FMNH; Fjeldså & Krabbe, 1989:322).

FINCA TACAMARA; La Paz ca. 1552/6840 (Gyldenstolpe, 1945:map) 4,070 m, on southeastern side of Nevado Illampu [1550/6834 (USBGN)], E of Lago Titicaca [1548/6924 (USBGN)] (Gyldenstolpe, 1945:map); Olalla, 8-16 Aug. 1938 (FMNH; Remsen, et al., 1987:12, as "Finca Tacamarca"; Fjeldså & Krabbe, 1989:322).

FINCA TACAMARCA (Remsen, et al., 1987:12); see Finca Tacamara.

FINCA YUGABI; La Paz Not located 3,800 m, on Lago Titicaca [1548/6924 (USBGN)], Stübel, Dec. 1876 (Menegaux, 1909:225, as "Finga de Yugabi"); possibly in Peru.

FINGA DE YUGABI (Menegaux, 1919:225); see Finca Yugabi.

FLORIDA; Santa Cruz (1) 1832/6329 (USBGN) 662 m, western Santa Cruz at edge of mountains, 90 km SSW of Santa Cruz [1748/6310 (USBGN)] (MHA); Krieg, 26 July 1926 (Laubmann, 1930:237).

FLORIDA; Santa Cruz (2) 1438/6515 (USBGN) ca. 200 m, northeastern Santa Cruz, near Brazilian border and next to Puerto Frey [1442/6110 (USBGN)] (MHA); collector?, 50 km E, at 150 m, 27 Sept. 1986 (Cabot, et al., 1988:236).

FORTÍN CAMPERO; Tarija ca. 2252/6420 (MHA) ca. 400 m, on Bolivia/Argentina border, near mouth of Río Grande de Tarija [2253/6421 (USBGN)], southernmost Tarija (MHA; MAPA-II); Carriker, 16-23 Sept. 1936 (Bond & de Schauensee, 1939a:2; 1942b:312); Dott, ca. 1969-1975 (Dott, 1986:135).

FORTÍN CREVAUX (Lönnberg, 1903:444); see Colonia Crevaux.

FORTÍN ESTEROS; Bolivia (Laubmann, 1930:4); now in Paraguay; see gazetteer for Paraguay (Paynter, 1989, *Ornithological Gazetteer of Paraguay*, 2nd ed.) under *Esteros.*

FUENTE COSTA MÁRGUES (Remsen, et al., 1990:371); see Iténez, Río.

GAIBA-MERIM, LAGO (MHA); see Gaiba Mirim, Laguna.

GAIBA MIRIM, LAGUNA; Santa Cruz 1746/5749 (USBGN)
ca. 100 m, on Brazilian border on right bank of Canal Pedro Segundo [Canal Pedro II, 1744/5744 (USBGN)] (MHA, as "Lago Gaiba-merim"); Field and Cherrie, 28 July 1926 (FMNH).

GENERAL CAMACHO; see Pacajes.

GENERAL CAMPERO; La Paz 1727/6859 (USBGN)
3,868 m, southern La Paz, on railroad close to Oruro border and 48 km SW of Corcoro [1712/6829 (USBGN)] (MHA); puna, thola scrub, Cabot, 10 Nov. 1984 (Cabot, 1991:202, 203, 205, as "Campero").

GENERAL PÉREZ, ESTACIÓN; see Pacajes.

GIVAQUIS; La Paz Not located
10,000 ft [3,050 m], J. Steinbach, 15 April 1922 (FMNH); this may be error for Guaqui [1635/6851 (USBGN)].

GLACÉ, RÍO; El Beni Not located
Collector?, 26 km from mouth (Remsen, et al., 1990:371).

GRANDE, RÍO; Chuquisaca/Santa Cruz 1551/6439 (USBGN)
Major right-bank tributary of Río Mamoré [1023/6523 (USBGN)] rising in Cordillera Central [1830/6455 (USBGN)], north of Sucre [1902/6517 (USBGN)], Chiquisaca (MHA); d'Orbigny, in upper reaches in vicinity of Monte Grande [not located], Santa Cruz, late June 1831 (d'Orbigny, 1839-1843, pp. 582-588; 1846, pp. 162, 165, 218; Sclater & Salvin, 1879:595); F. Steinbach, on lower Río Grande, E of Portachuelo [1721/6340 (USBGN)], 21-22 June 1918 (CM), at 350 m, 25 Oct. (Remsen, et al., 1985:127; 1986:26), at 1,000 ft [300 m], 28 Oct. 1942 (FMNH); Lanning, on an unnamed tributary between Puente Arce [ca. 1830/6510 (Lanning, 1991a:358)] and Chaco [ca. 1850/6510 (Lanning, 1991a:358)], at 1,600-1,900 m, 30 Dec. 1981, 2 Jan. 1982 (Lanning, 1991a:360); Nores and Yzurieta, at Puerto Abapó [1853/6327 (USBGN)] on upper river, late Oct. 1982 (Nores & Yzurieta, 1984:329); Paynter, et al., 1975:25, as "Río Grande, Cochabamba".

GRANDE, RÍO; Cochabamba (Paynter, et al., 1975:25); see Grande, Río; Chuquisaca/Santa Cruz.

GUAITÚ; Santa Cruz Not located
Alt.?; in Provincia Ichilo [1700/6400 USBGN)], northeastern Santa Cruz, Steinbach, 25 Sept. 1943 (Remsen, et al., 1987:11).

GUANACOS; Santa Cruz 1849/6309 (USBGN)
700 m (Parkes, 1960:260); just E of foothills of central eastern Santa Cruz, E of Río Grande [1551/6439 (USBGN)] and near Cabezas [1846/6324 (USBGN)]; not on maps available to us; J. Steinbach, 17-28 Aug. 1909, 25-28 Sept. 1915 (CM; Todd, 1915, Proc. Biol. Soc. Washington, **28**:170; 1928, Ann. Carnegie Mus., **18**:362; Parkes, 1960:226; Remsen, et al., 1986:24; 1987:13).

GUANAI (Sclater & Salvin, 1879:592); see Guanay.

GUANAI, PROV. (Sclater & Salvin, 1879:595); see Guanay.

GUANAY; La Paz 1528/6752 (USBGN)
427 m, on eastern slope, on Río Mapiri [1528/6749 (USBGN)], 19 km NE of Tipuani [1533/6800 (USBGN)] and 110 km NE of Lago Titicaca [1548/6924 (USBGN)] (MHA, as "Huanay"); Buckley, 1875 (Sclater & Salvin, 1879:592, as "Guanai"; p. 595, as "Guanai, Prov."); Williams, Aug. 1902 (AMNH); Tate, April 1926 (Tate, 1926, as "Guanai"); Carriker, 6-18 Aug. 1934 (Carriker, 1935:316, as "Huanay"; Bond & de Schauensee, 1941:3, as "Huanay"; 1942b:312, as "Huanay").

GUAPORÉ RIO; see Iténez, Río.

GUAQUI; La Paz 1635/6851 (USBGN)
ca. 3,825 m, on southern shore of Lago Titicaca [1548/6924 (USBGN)] (MHA, as "Huaqui"); Cherrie, 2-3 Feb. 1915 (FMNH, as "Huaqui"); Miller, May 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 269); J. Steinbach [=Vasquez?], 7, 12, 14, 17-19, 26, 30 Jan., 4, 6-7 Feb., 4, 8, 10, 12 April 1922 (CM; FMNH; Remsen, et al., 1985:129); Vasquez, 3 Feb., 4 Mar., 5 April 1922 (Remsen, et al., 1986:24); Scott, 1953 (Scott, 1954, Wildfowl Trust Ann. Rept., **6**:68); also see Givaquis.

GUARAYOS; Santa Cruz 1735/6146 (USBGN)
ca. 300 m, central Santa Cruz, 12 km WSW of El Cerro [1726/6254

(USBGN)] (MHA); Krieg, 1 Sept. 1926 (Laubmann, 1930:97, as "Monte Grande, Guarayos"); d'Orbigny (e.g., 1846, p. 180) used "Guarayos" (the Indians in Santa Cruz) to modify common names (e.g., Trinidad de Guarayos [=Trinidad, 1727/6059 (USBGN)]) in order to distinguish towns bearing the same name; it is uncertain that he was at the town of Guarayos; Sclater & Salvin, 1879:592, as "Guarayos", p. 597, as "territory of... Guarayos Indians"; see, also, Monte Grande.

GUAYAQUES, LAGUNA; Potosí 2244/6730 (Hurlbert, 1981:6)
4,730 m, very small lake of 0.9 km^2 in extreme southwestern Potosí, Hurlbert, 30 Jan., 19 Feb., 1979, 4 Feb. 1980 (Hurlbert, 1981:6, 8); shown on ONC within an area of extensive salt flats, but unnamed.

GUAYARAMERIN; El Beni 1048/6523 (USBGN, as "Puerto Sucre")
557 ft [175 m] (ONC); extreme northern El Beni, on lower Rio Mamoré [1023/6523 (USBGN)] and Brazilian border (MHA, as "Guayara-Mirim"); collector?, 25 Aug. 1964 (Atyeo & Smith, 1983, Journ. Med. Entomol., **20**:211); Cuello, 2 May 1965 (Parker, et al., 1991:123); USBGN, Supplement, 1971, indicates "Puerto Sucre" is obsolete.

GUAYARA-MIRIM (MHA); see Guayaramerin.

GUICHA Not located
In vicinity of Lago Titicaca [1548/5678 (USBGN)], Garman, early 1875 (Allen & Garman, 1876:358); probably a misspelling.

GUTIEREZ (ONC); see Gutiérrez.

GUTIÉRREZ; Santa Cruz 1925/6334 (USBGN)
ca. 3,000 ft [900 m] (ONC, as "Gutierez"); extreme southwestern Santa Cruz, 32 km NE of Lagunillas [1938/6343 (USBGN)] (MHA); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329); Crossin, 8 km N at 3,000 ft [900 m], 5-14 Mar. 1973 (FMNH); Schmitt and Cole, 26 April 1979 (Schmitt & Cole, 1981).

GUTIÉRREZ, PROVINCIA; Santa Cruz 1650/6355 (USBGN)
Province in western Santa Cruz, including the towns of Portachuelo [1721/6324 (USBGN)] and Buena Vista [1727/6340 (USBGN)] (MHA); J. Steinbach, 12, 18 Oct. 1909, 11 July 1910 (Todd, 1913, Proc. Biol. Soc. Washington, **26**:170, 171, 173, as "Provence del Sara"); collector?, at Camp Woods [not located], date? (Zimmer,

1941, Amer. Mus. Novit., no. 1108, p. 17, as "Camp Woods, Prov. Sara").

HACHACACHI (Niethammer, 1953a:203); see Achacachi.

HACIENDA HUANCARAMA; Oruro 1740/6730 (Hurlbert, 1978:10)
3,750 m (Hurlbert, 1978:10); extreme northeastern Oruro, a short distance W of Caracollo [1739/6710 (USBGN)] and near town of Huancarama [1737/6731 (USBGN)]; not found on our maps; Hurlbert, at diked pampa, 6 July 1976 (Hurlbert, 1978:10, as "Hacienda Huancaroma").

HACIENDA HUANCAROMA (Hurlbert, 1978:10); see Hacienda Huancarama.

HANGUAQUI Not located
Collector?, date? (Zimmer, 1936. Amer. Mus. Novit., no. 860, p. 4); possibly error for Guaqui.

HEATH, RÍO; La Paz 1231/6840 (USBGN)
Affluent of upper Río Madre de Dios [1058/6609 (USBGN)], rising in foothills of northern La Paz and forming a small part of the border between Peru and Bolivia (MHA); Parker, et al., from mouth at Puerto Pardo [ca. 1230/6840 (USBGN)] up river for ca. 50 km, 10-19 Aug. 1988 (Parker, et al., 1991:121).

HEATH, RÍO; La Paz/Peru 1231/6838 (USBGN)
Small tributary of Río Madre de Dios [1058/6609 (USBGN)], forming a part of the border between department of Madre de Dios, Peru and northwestern La Paz (MHA; ONC); O'Neill, Aug. 1977 (Remsen & Ridgely, 1980:71).

HEDIONA I, LAGUNA (Hurlbert, 1978:9); see Hediona, Laguna (2).

HEDIONA II, LAGUNA (Hurlbert, 1978:9); see Hediona, Laguna (1).

HEDIONDA, LAGUNA; Potosí (1) 2133/6805 (USBGN)
4,121 m (Hurlbert, 1978:9); moderate-size lake in southwestern Potosí, close to Chilean border and 75 km S of Salar de Uyuni [2020/6742 (USBGN)] (MHA); not to be confused with another

Laguna Hedionda [2227/6723 (Hurlbert, 1978:9)] to the SE; Hurlbert, 17 Dec. 1975, 18 July, 12 Dec. 1976, 25 Nov. 1977, 20 Dec. 1978, 12 Feb. 1979, 12 July 1980 (Hurlbert, 1978:9, 11, 13, 14, as "Laguna Hediona II"; 1981:6, 9, as "Laguna Hediona II"; Hurlbert & Keith, 1979:331, as "Laguna Hediona II"; Hurlbert, et al., 1984:50, as "Laguna Hediona II").

HEDIONDA, LAGUNA; Potosí (2) 2227/6723 (Hurlbert, 1978:9)
4,538 m, shallow lake of 2.8 km^2 (Hurlbert, 1978:9); in extreme southwestern Potosí, short distance E of Salar de Challviri [2232/6734 (USBGN)] (MHA, shown but not named); not to be confused with similarly named lake at 2133/6805 (USBGN); Hurlbert, 14 Dec. 1975, 29 Nov. 1977, 1 Feb. 1979 (Hurlbert, 1978:9, 14, as "Laguna Hediona I"; 1981:6, as "Laguna Hedionda I"; Hurlbert & Keith, 1979:331, as "Laguna Hediona I").

HICHULEMA (Esteban, 1951:410); see Hichuloma.

HICHULOMA; La Paz 1618/6754 (USBGN)
10,000-10,700 ft [3,050-3,250 m], on railroad NE of La Paz [1630/6809 (USBGN)], cold, rainy, Carriker, 20 Dec. 1934 - 1, 8[?] Jan. 1935 (Carriker, 1935:331, 338; Bond & de Schauensee, 1942b:312); Carriker, 2 Jan. 1935 (MCZ); adjacent to Unduavi [1619/6754 (USBGN)], which also see; not found on our maps; Esteban, 1951, Acta Zool. Lilloana, **12**:410, as "Hichulema".

HIRNADO SILEZ; Chuquisaca Not located
Alt.?; eastern Chuquisaca, 16 km N of Monteagudo [1949/6359 (USBGN)], Crossin, 25, 27 Nov. 1972 (FMNH); see, also, Monteagudo.

HOLGOIN (Hellmayr, 1921:238); see Valle de Holguin.

HOLGUIN (Niethammer, 1953a:201); see Valle de Holguin.

HONDA, LAGUNA; Potosí 2137/6806 (USBGN)
4,110 m, very small lake of ca. 5 km^2 (Hurlbert, 1978:9); adjacent to village of Ramaditas [2137/6806 (USBGN)] and close to Chilean border, southwestern Potosí (MHA, shown but not named); Hurlbert, 17 Dec. 1975, 18 July, 12 Dec. 1976, 25 Nov. 1977, 20 Dec. 1978, 9 Feb. 1979, 12 July 1980 (Hurlbert, 1978:9, 11, 13, 14; 1981:6, 9; Hurlbert & Keith, 1979:331).

HONDA, QUEBRADA; Cochabamba Not located
Alt.?; near San Cristóbal [not located] and Cocapata [1657/6643 (USBGN)], G. Garlepp, 20, 24 June, 9-10 July 1892 (Berlepsch, 1901:82, 85, 97, as "Quebrada Onda"; Hellmayr, 1918, Verh. Ornith. Ges. Bayern, **13**:306; Niethammer, 1953:201, as "Quebrada Onda"; 1956:100, 110, 124, as "Quebrada Onda").

HOSANE, CERRO; Santa Cruz Not located
1,200 m, on Río Blanco [1742/6402 (USBGN)], near Cocapata [1657/6643 (USBGN)] and San Cristóbal [not located] (Remsen, et al., 1982:78); central Santa Cruz, W of Buena Vista [1727/6340 (USBGN)], J. Steinbach, 6-12, 14, 17-18, 21-22, 24-26, 28, 31 Aug., 3, 24 Sept. 1917 (Todd, 1932, Proc. Biol. Soc. Washington, **45**:215; 1942, Ann. Carnegie Mus., **29**:370; Bond & de Schauensee, 1942b:310, as "Cerro Hosorne"; FMNH, WFVZ; MCZ; Remsen, et al., 1986:24, 29, 30, 31; 1987:8, 11, 14), 31 Aug. 1924, 18 Aug. 1957 (FMNH, as"Cerro Hosans"); this Río Blanco, if it has been correctly identified, is a tributary of the upper Río Yapacani [1600/6425 (USBGN)] and *SW* of Buena Vista, ca. 100 km W of city of Santa Cruz [1748/6310 (USBGN)].

HOSANS, CERRO (FMNH); see Hosane, Cerro.

HOSORNE, CERRO (Bond & de Schauensee, 1942b:310; see Hosane, Cerro.

HUACANQUI; Cochabamba ca. 1720/6552 (Gyldenstolpe, 1945: map)
4,000 m, ca. 40 km E of city of Cochabamba [1724/6609 (USBGN)], Olalla, date? (Gyldenstolpe, 1945:map); probably equivalent to Cerro Huacanqui, which see.

HUACANQUI, CERRO; Cochabamba Not located
3,800-4,000 m, on watershed between Cochabamba [1724/6609 (USBGN)] and Colomi [1721/6552 (USBGN)], Olalla, 13-14 April 1938 (Fjeldså & Krabbe, 1989:322; Remsen, et al., 1990:372); probably same as Huacanqui, which see.

HUACHACACHI Not located
Collector?, date? (Hellmayr, 1927, Field Mus. Nat. Hist. Publ., **13**, pt. 5, p. 25); almost certainly an error for Achacachi.

HUACHACALLA; La Paz Not located
3,870 m, puna, thola scrub, Cabot, 20 Aug., 10 Nov. 1984 (Cabot,

1991:202, 206); may be the Huachacalla [1845/6817 (USBGN)] in Oruro, although shown by Cabot (op. cit., p. 203) to be in La Paz, but close to the Oruro border; Cabot, nearby on Río Lauca [1909/6810 (USBGN)], at ca. 4,000 m, 20 Aug. 1984 (Cabot, 1991:206).

HUACHAPAMPA (Sclater & Salvin, 1879:639); see Achapampa.

HUAILLARANI (Niethammer, 1953a:201); see Huaillatani, Cerro.

HUAILLATANI, CERRO; Cochabamba 1704/6632 (USBGN)
Alt.?; northwestern Cochabamba, ca. 60 km NW of city of Cochabamba [1724/6609 (USBGN)]; not depicted on our maps; G. Garlepp, Mar. 1892 (Niethammer, 1953a:201, as "Huaillarani").

HUAINA, NEVADO (MHA); see Huayna Potosí, Nevado.

HUAIRAPATA, LAGUNA; Oruro 1735/6720 (Hurlbert, 1978:9)
ca. 3,750 m (Hurlbert, 1978:9); extreme northeastern Oruro, a short distance NW of Caracollo [1739/6710 USBGN)] and close to Huancarama [1737/6731 (USBGN)]; not found on our maps; very small lake, Hurlbert, 21 Dec. 1975, 6 July, 27 Nov. 1976 (Hurlbert, 1978:9, 10, 12; Hurlbert & Keith, 1979:331).

HUAJCHILLA; La Paz 1639/6804 (USBGN)
3,125 m, 18 km by road S of Calocoto [1632/6806 (USBGN)], Remsen, 21 May 1980 (Remsen, et al., 1985:127); Lanyon, 21 July 1981 (Remsen, et al., 1987:12); in La Paz canyon [Río de la Paz, 1627/6719 (USBGN)], Fjeldså, et al., 26 April 1987 (Fjeldså, 1987:40); ca. 20 km SE of La Paz [1630/6809 (USBGN)]; not found on our maps.

HUANA KKOTA, LAGUNA; Oruro? Not located
4,300 m, lake in dry puna N of Nevado Sajama [1806/6854 (USBGN)], Fjelså, et al., 28 April 1987 (Fjeldså, 1987:40); not found on our maps; may be near village of Huañacota [1731/6845 (USBGN)] and also spelled this way.

HUANAY (MHA); see Guanay.

HUANCANÉ (Hurlbert, 1978:10); see Poopó, Lago de.

HUANCANI; Puno, Peru
Erroneously attributed to Bolivia by Menegaux (1919:207); correct spelling is Huancané.

HUANCHACA, SERRANÍA DE 1430/6039 (USBGN)
2,700 ft [800 m], range of low mountains roughly paralleling the Brazilian border for 150 km in extreme northeastern Santa Cruz (ONC; MHA, as "Serranía de Ricardo Franco"); Parker, et al., at 650-750 m, Aug.-Sept. 1990 (Parker, 1991:123).

HUANCUNI; La Paz. 1544/6835 (USBGN)
3,050 m (Gyldenstolpe, 1945:map); NE of La Paz [1630/6809 (USBGN)] and N of Nevado Illampu [1550/6834 (USBGN)]; mountainous, dry grass at higher altitudes, progressing to alder forests and subtropical woodland at lower altitudes, Olalla, 13-18 July, 8, 13-17 Aug. 1938 (Fjeldså & Krabbe, 1989:321).

HUANOI; Cochabamba Not located
2,000 m, in Provincia Chaparé [1630/6530 (USBGN)], eastern central Cochabamba, Steinbach, 23 Sept. 1950 [=1960?] (Remsen, et al., 1985:126; 1987:8).

HUANUNI; Oruro 1816/6651 (USBGN)
3,923 m (MAPA); central eastern Oruro, 40 km SE of city of Oruro [1759/6709 (USBGN)] (MHA); Walsh, at 13,300 ft [4,150 m], 29 Nov., 27 Dec. 1957 (FMNH).

HUAQUI (MHA); see Guaqui.

HUARINA; La Paz 1612/6838 (USBGN)
ca. 3,850 m, on southeastern shore of Lago Titicaca [1548/6924 (USBGN)], 60 km NW of La Paz [1630/6809 (USBGN)] (MHA); Ridgely, between Huatajata [1610/6844 (USBGN)] and Huarina, 10 Mar. 1977 (Remsen & Ridgely, 1980:70); observer?, 11 Sept. 1983 (Cabot & Serrano, 1988:190).

HUATAJATA; La Paz 1610/6844 (USBGN)
3,800 m, on shore at southeastern end of Lago Titicaca [1548/6924 (USBGN)], Niethammer, 18 Nov.-3 Dec. 1951 (Niethammer, 1953a:197, 198); village shown only on Niethammer's map (p. 197); Ridgely, between Huatajata and Huarina [1612/6838 USBGN)], 10 Mar. 1977 (Remsen & Ridgely, 1980:80).

HUAYCO, RANCHO; see Rancho Huayco.

HUAYLLAMARCA; Oruro 1751/6800 (USBGN)
ca. 4,000 m, central northern Oruro, 98 km WNW of city of Oruro [1759/6709 (USBGN)] (MHA); d'Orbigny, 7, 12 April 1833 (d'Orbigny, 1846, pp. 319-322, 330; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 142).

HUAYNA CHOIRISA, RÍO; La Paz Not located
In vicinity of Apolobamba [Apolo, 1443/6831 (USBGN)], Williams, July 1902 (AMNH); collector? [Williams?], date? (Zimmer, 1937, Amer. Mus. Novit., no. 930, p. 240); certainly an error; possibly Río Guanay [1458/6808 (USBGN)] was intended.

HUAYNA POTOSÍ, NEVADO; La Paz 1616/6811 (USBGN)
6,200 m (Bartholomew, 1989); peak 30 km N of city of La Paz [1630/6809 (USBGN)] (MHA, as "Nevado Huaina"); collector?, between Nevado Huayna Potosí and Nevado Illimani [1639/6740 (USBGN)], date? (Zimmer, 1936, Amer. Mus. Novit., no. 860, p. 17).

HUILA-K'HALA; La Paz Not located
4,400 m, central western La Paz, close to Peruvian border, puna, Cabot, Jan. 1981 (Cabot, 1991:204, 205).

HUINCURATA, CERRO; Oruro? Not located
Alt.?; northwestern Oruro, on NW side of Nevado Sajama [1896/6854 (USBGN)], Fjeldså, et al., camp at 4,300 m, 30 April-1 May 1987 (Fjeldså, 1987:41); possibly in La Paz.

HUMANI; Oruro Not located
Observer?, 17 Aug. 1984 (Cabot & Serrano, 1988:189).

IBÁÑEZ; Santa Cruz ca. 1748/6308
Alt.?; in central western part of department, 5 km W of Santa Cruz [1748/6310 (USBGN)], Becerra, 2, 7 Sept. 1966 (USNM).

IBARÉ, RÍO; El Beni 1437/6457 (USBGN)
Right-bank tributary of upper Río Mamoré [1023/6523 (USBGN)] entering near Trinidad [1447/6447 (USBGN)] in southern central

part of department (MHA); collector?, 4 km from mouth, date? (Remsen, et al., 1990:376).

ICHILE (FMNH); see Ichilo.

ICHILO; Santa Cruz Not located
Alt.?; F. Steinbach, 10 June 1930 (FMNH, as "Buenavista, Ichilo" and also as "Ichile"); because no town bearing the name of Ichile or Ichilo is known, this is probably a reference to the province of Ichilo [1700/6400 (USBGN)] and to the town of Buena Vista [1727/6340 (USBGN)], in western Santa Cruz.

ICHILO, RÍO; Cochabamba/Santa Cruz 1557/6442 (USBGN)
Serves as border between northeastern Cochabamba and northwestern Santa Cruz, and joins Río Grande [1551/6439 (USBGN)] and Río Chaparé [1558/6442 (USBGN)] to form Río Mamoré [1023/6523 (USBGN)] (MHA); F. Steinbach, probably near foot of mountains at ca. 1720/6420, 30 Jan., 15 Feb. 1937 (FMNH).

IGNACITO (Laubmann, 1930:305); see San Ignacio, Santa Cruz.

ILLAMPU, NEVADO; La Paz 1550/6834 (USBGN)
6,485 m, snow-capped peak, 20 km E of Lago Titicaca [1548/6924 (USBGN)] and 8 km SE of Sorata [1547/6840 (USBGN)] (MHA, as "Nevado de Illampu"); Warszewiez, ca. 1852-1853 (Sclater & Salvin, 1879:590,629,as "[Nevado de] Sorata"); Olalla, on Nevado Illampu at Chilcani [ca. 1545/6840 (Gyldenstolpe, 1945:map)], 3,700 m, 25 July, at Cotaña [1549/6837 (USBGN)], 3,600 m, 29 July, at Finca Tacamara [ca. 1552/6841 (Gyldenstolpe, 1945:map)], 4,070 m, 9, 14 Aug., on Finca Tacamara side at 3,500 m, 4-5 July and near snowline at 5,070 m, 11-14 Aug., and at Chajana [ca.1150/6835 (Gyldenstolpe, 1945:map)], 4,780 m, 10, 14 Aug. 1938 (Gyldenstolpe, 1945: map; FMNH; Fjeldså & Krabbe, 1989:322).

ILLAMPU, NEVADO DE (MHA); see Illampu, Nevado.

ILLATACO; Cochabamba ca. 1720/6610 (Gyldenstolpe, 1945:map)
2,570 m, a very short distance N of city of Cochabamba [1724/6609 (USBGN)], Olalla, 13, 22 Dec. 1938-2 Jan. 1939 (Gyldenstolpe, 1941:5; 1945:map; Fjeldså & Krabbe, 1989:322).

ILLIMANI (Sclater & Salvin, 1879:629); see Illimani, Nevado.

ILLIMANI, DEPARTMENT OF (Menegaux, 1909:208); see Illimani, Nevado.

ILLIMANI, NEVADO; La Paz 1639/6740 (USBGN)
6,457 m, peak 35 km SE of La Paz [1630/6809 (USBGN)] (MHA); Warszewiez, ca. 1852-1853 (Sclater & Salvin, 1879:590, 629); collector? [Warszewiez?], 1852 (Menegaux, 1909:208, as "department of Illimani"); Stübel, 17 Dec. 1876 (Menegaux, 1909:224, as "Illimani"); collector?, between Nevado Illimani and Nevado Huayna Potosí [1616/6811 (USBGN)], date? (Zimmer, 1936, Amer. Mus. Novit., no. 860, p. 17).

IMPONA Not located
Collector?, date? (Zimmer, 1950, Amer. Mus. Novit., no. 1475, p. 11).

INCACHACA; Cochabamba 1714/6549 (USBGN)
7,700 ft [2,350 m] (Chapman, 1919a:257); 10 km ENE of Colomi [1721/6552 (USBGN)] and 32 km NE of Sacaba [1723/6602 (USBGN)], central Cochabamba (MHA); Cherrie, 17-18 Feb. 1915 (FMNH); Miller and Boyle, 12-14, 16, 24 May 1915 (Chapman, 1919a:257, 262, 265; 1919b:333; FMNH); F. Steinbach, Aug. (Todd, 1947:95), 11 Sept., 22 Dec. (FMNH) 1920 (Todd, 1942, Ann. Carnegie Mus., **29**:292), 15, 17, 21 (FMNH), 22 (MCZ) Jan., 11, 22 Feb. (FMNH), 2 (MCZ), 15 Mar. (FMNH), 5 April (MCZ), 11 July (Remsen & Traylor, 1983:97), 5 Sept., 4 Oct. (FMNH), 2, 11 Nov. 1921 (Todd, 1924, Proc. Biol. Soc. Washington, **37**:124; WFVZ); Steinbach, 23 Aug. 1921 (Remsen, et al., 1987:12), 20 Sept. 1927 (Remsen, et al., 1986:25); J. Steinbach, 21 (USNM), 24, 26 Dec. 1920, 3, 12, 17, 26 Jan., 15, 22, 28 Feb., 6, 28 Mar., 31 Aug., 8-9, 13, 21, 23 Sept., 13-14, 18, 20 Oct., 2 Dec. 1921, 9 Nov. 1981[?], F. Steinbach, 1, 12, 24-25, 27-30 April, 1-7, 10-12, 14-15, 17-21, 24-25, 27-31 May, 2, 4-5, 7-8, 10-12, 15-20, 24-28, 30 June, 1, 3-4, 8-12, 14-21, 25 July, 4, 7-8, 10, 20, 24, 26, 28, 30 Aug., 1-13, 15-16, 19-20, 22-22, 25-28, 30 Sept., 2, 10, 15, 17, 30 Oct., 2-3, 5, 30 Nov., 20 Dec. 1927, 18 June 1936, 10 June 1937, 30 Mar. 1938, 20, 27 Nov., 10, 15, 20, 25, 28, 30 Dec. 1939, 2, 5-7, 11-12, 14-15, 28 Jan., 28, 30 July 1940 (FMNH, also as "Aduana (Incachaca)", "Aduana, Incachaca", and "Aduana Incachaca"; Remsen, et al., 1986:30); specimens with the different locality names cited herein sometimes bear identical collection dates, almost surely showing they refer to the same place; Bond & de Schauensee (1942b:312) write that Carriker indicated Incachaca and Aduana are equivalent; MAPA

shows an Aduana at ca. 1713/6655 and another at ca. 1715/6649; neither is particularly close to Incachaca and these may be removed from consideration; the Aduana in question must be on the outskirts of Incachaca; forest, boggy, rainy, Carriker, at 10,000 ft [3,050 m], 10 June (Bond & de Schauensee, 1940:3), at 8,000 ft [2,450 m], 8-23 April, 7 May-13 June 1937 (Bond & de Schauensee, 1942b:312); Peña and Barría, 25 Aug.-5 Sept. 1956 (Peña, 1962:167); see, also, Aduana; San Benito; and San Benito, Cerro.

INCACHACA, CERRO DE; Cochabamba Not located
Above Incachaca [1714/6549 (USBGN)], Steinbach, date? (Todd, 1942, Ann. Carnegie Mus., **29**:339, 370).

INCAYAJTA; Cochabamba Not located
Alt.?; presumably near Pocona [1739/6524 (USBGN)], in central southern Cochabamba; J. Steinbach, 7 Nov. 1928 (FMNH, as "Pocona, Incayajta").

INDEPENDENCIA; Cochabamba 1707/6653 (USBGN)
2,768 m, in Yungas [1620/6645 (USBGN)] region of NW Cochabamba, capital of Provincia Ayopaya [1630/6635 (USBGN)], 71 km WNW of city of Cochabamba [1724/6609 (USBGN)] (MHA); d'Orbigny, 19-21 Sept. 1830 (d'Orbigny, 1839-1843, pp. 462-468, as "Palca" and "Palca Grande"; 1846, pp. 150-151, as "Palca" and "Palca Grande"; Sclater & Salvin, 1879:591, as "Palta", p. 628, as "Palca Grande"); d'Orbigny (loc. cit.) places this town in the province of Ayopaya, which distinguishes it from the Palca [1634/6759 (USBGN)] in La Paz, and the description of the locality seems to indicate this is present-day Independencia.

INGAVI (FMNH); see Viacha.

INQUISIVI; La Paz 1658/6710 (USBGN)
1,960 m (MAPA); southeastern La Paz, 120 km ESE of city of La Paz [1630/6809 (USBGN)] (MHA); d'Orbigny, 9-14 Sept. 1830 (d'Orbigny, 1839-1843, pp. 453-456; 1846, p. 148; Sclater & Salvin, 1879:591, as "Enquisivi"); Olalla, date?, collection? (Gyldenstolpe, 1945:map).

IPIAS; Santa Cruz 1802/6011 (USBGN)
ca. 300 m, eastern Santa Cruz, 68 km ESE of San José de Chiquitos [1751/6047 (USBGN)] (MHA); Krieg, 17-18 Oct. 1926 (Laubmann, 1930:204, 272).

IQUICO; La Paz ca. 1635/6740 (MAPA)
3,500 m (Todd, 1926, Ann. Carnegie Mus.,17:73); at base of Nevado Illimani [1639/6740 (USBGN)], SE of La Paz [1630/6809 (USBGN)] (MAPA); G. Garlepp, 15 Jan.-4 April 1895, with known dates of 15, 18, 24 Jan., Feb. (Berlepsch, 1901:92, 95; Niethammer, 1953a:203; 1956:103), and 23 Jan. (MCZ), 5 Feb. 1905 (FMNH); Vuilleumier, 10 Nov. 1967 (Vuilleumier, 1969:603).

IRUPANA; La Paz 1628/6728 (USBGN)
1,847 m, 76 km E of city of La Paz [1630/6809 (USBGN)] (MHA); d'Orbigny, 25-30 Aug. 1830 (d'Orbigny, 1839-1843, pp. 442-445, also as "Villa de Lanza"; 1846, p. 144; Sclater & Salvin, 1879:600); Niethammer, 12-14 Oct., 3-5 Nov., in cloud forest above Irupana, at 3,100 m, 6-12 Nov 1951 (Niethammer, 1953a:198); Künzel, 2, 22 Oct., 30 Nov., 29 Dec. 1952, 16 Aug. 1953, 11, 23 Mar., 2 April 1954, 6 April, 1, 21 June, 13 Aug., 10, 20, 28 Oct., 13 Nov. 1955 and nearby, 3 Dec. 1953 (Niethammer, 1956:84-85, 106, 107, 113, 114, 117, 124, 139, 141).

ISAMÁ; Santa Cruz Not located
1,300 ft [400 m] (FMNH); presumably on Quebrada Isamá [1727/6351 (USBGN)], a short distance NW of Buena Vista [1727/6340 (USBGN)]; F. Steinbach, 10-11 June (FMNH), 20, 25 July 1943 (Remsen, et al., 1986:31; 1987:11); also see Isamá, Quebrada.

ISAMÁ, QUEBRADA; Santa Cruz 1727/6351 (USBGN)
Small tributary of upper Río Yapacani [1600/6425 (USBGN)], a short distance NW of Buena Vista [1727/6340 (USBGN)] (MHA, as "Río Isamá"); Steinbach, 18-25 Oct. 1916 (CM, sometimes as "Río Izamá"; Remsen, et al.,1986:30, as "Río Izamá, Cerro Amboró"); F. Steinbach, 15, 17 May, 12 June 1943 (FMNH, as "Río Isamá"); also see Isamá.

ISAMÁ, RÍO (FMNH); see Isamá, Quebrada.

ISCA ISCA; Potosí 2111/6547 (USBGN)
ca. 3,900-4,160 m, mine in central eastern Potosí, above La Torre [2113/6545 (USBGN)], ca. 25 km NNE of Tupiza [2127/6543 (USBGN)], Vuilleumier, 3 Dec. 1967 (Vuilleumier, 1969:601, 602, 605, as "Mina Isca Isca"); not indicated on our maps.

ISIBORO, RÍO; see Estancia San Marcos and Isiboro-Securé, Parque Nacional.

ISIBORO-SECURÉ, PARQUE NACIONAL; El Beni Not located
Alt.?; south-central El Beni, in vicinity of lower Río Chipiriri [1613/6515 (USBGN)], Río Isiboro [1528/6505 (USBGN)], and Río Ichoa [1544/6515 (USBGN)], Remsen, 1-14 Feb. 1977 (Remsen & Ridgely, 1980:70, 73; Remsen, 1988:14); Estancia San Marcos [not located] seems to be in this area; see, also, Chipiriri, Río.

ITAUÚ, RÍO; Tarija 2220/6406 (USBGN)
A tributary of upper Río Grande de Tarija [2253/6421 (USBGN)] on the Tarija/Argentina border, W of Yacuiba [2202/6345 (USBGN)] (MHA); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329.

ITÉNEZ, RÍO; El Beni 1154/6501 (USBGN)
Major headwater of Río Mamoré [1023/6523 (USBGN)] forming border between El Beni and Brazil (MHA); known as Rio Guaporé in Brazil; Cuello, apposite Costa Marques [1228/6416 (USBGN)], Brazil, sometime between 31 Aug. and 3 Oct., and at mouth of Río Baures [1230/6418 (USBGN)], 30 Aug. 1964 (Remsen, et al., 1987:8; 1990:371, as "Fuente [=frente] Costa Márgues", p. 376 as "Anita [sic] de Costa Márguez"; Parker, et al., 1991:125).

ITONAMA, RIO (Sclater & Salvin, 1879:614); see Itonamas, Río.

ITONAMAS, RÍO; El Beni 1228/6424 (USBGN)
Rises in western El Beni, with Río San Miguel [1352/6356 (USBGN)] as its headwater, and flows NNW to Rio Guaporé [or Río Iténez, 1154/6501 (USBGN)] (MHA); d'Orbigny, ca. 1832 (d'Orbigny, 1846, pp. 190-191, as "Río Itonama"; Sclater & Salvin, 1879:614, as "Rio Itonama").

IXIAMA (Estudillo, 1977:6); see Ixiamas.

IXIAMAS; La Paz 1345/6809 (USBGN)
222 m, on lower slopes in northern part of department at base of foothills at head of Río Tequeje [1346/6722 (USBGN)] (MHA); Steinbach, 10-12, 16, 18, 20 April 1961 (Remsen, et al., 1985:125; 1986:24, 27, 31); Estudillo, ca. 1974 (Estudillo, 1977:6, as "Ixiama"); on edge of extensive savannah, bordered by forest,

Parker and Castillo, 1-3 June, ca. 7 km E, 2 June 1990 (Parker, et al., 1991:121, 128. 133).

IZAMÁ, RÍO (Remsen, et al., 1986:30); see Isamá, Quebrada.

JACHCHA KHARA HUACHINCA; Oruro Not located
Alt.?; hill on W slope of Nevado Sajama [1806/6854 (USBGN)], northwestern Oruro, Fjeldså, et al., at 4,400-4,800 m, 29 April 1987 (Fjeldså, 1987:41).

JATUMPAMPA; Cochabamba Not located
On trail to Todos Santos [1648/6508 (USBGN)], in lowlands of northeastern Cochabamba; Cherrie, 21 Feb. 1915 (Cherrie, 1916, Bull. Amer. Mus. Nat. Hist., **35**:396; FMNH).

JAYU KKOTA, LAGUNA; Potosí 1928/6726 (Hurlbert, 1977:14)
3,663 m, very small pond of .06 km^2 in northern Potosí, NE of Salar de Uyuni [2020/6742 (USBGN)] and adjacent to Jayucota [1926/6727 (USBGN)], Hurlbert, 5 Dec. 1977 (Hurlbert, 1978: 14); not found on our maps.

JESÚS DEL VALLE GRANDE (d'Orbigny, 1846:222); see Valle Grande.

JESÚS DE MACHACA; La Paz 1645/6850 (USBGN)
ca. 4,000 m, ca. 90 km WSW of La Paz [1630/6809 (USBGN)] (MHA); observer?, April 1983 (Cabot & Serrano, 1986:171).

JISKHA KHARA HEIHINCA; Oruro Not located
Alt.?; hill on W slope of Nevado Sajama [1806/6854 (USBGN)], northwestern Oruro, Fjeldså, et al., at 4,400-4,900 m, 29 April 1987 (Fjeldså, 1987:41).

JUANACAS; Tarija Not located
Alt.?; on Tarija [2131/6145 (USBGN)]/Villa Montes [2115/6330 (USBGN)] highway, Davis, 10 km SW at 2,200 m, 4 Sept. 1987 (FMNH).

JUANANI; La Paz? Not located
Alt.?; in Yungas [1620/6645 (USBGN)] region, possibly near Tilotilo [not located], Buckley, 1875 (Sclater & Salvin, 1879:599, 633).

JULI; Puno, Peru
Erroneously attributed to Bolivia by Allen & Garman (1876:357).

JULPEMAYO, RíO; Cochabamba Not located
In Provincia Mizque [1755/6530 (USBGN)], 30 km S of Totora [1742/6509 (USBGN)], collector?, at 2,100 m, date? (Remsen, et al., 1990:364).

JULPEMAYU; Cochabamba Not located
2,000 m, northern Cochabamba, mesothermic, thickly covered with leguminous trees, thorny thickets, and cacti, Cabot, 21 June 1985 (Cabot, 1991:202, 203).

JUNA, CEJAS DEL CERRO (FMNH); see El Juno.

JUNO, CEJAS DEL (Todd, 1942:339); see El Juno.

JUNO, CEJAS DEL CERRO (FMNH); see El Juno.

JUNO, CERRO (FMNH); see El Juno.

JUNO, CERRO DEL (Bond & de Schauensee, 1942b:310); see El Juno.

JUNO, LAGO DEL CERRO (FMNH); See El Juno.

JUNTAS; Cochabamba Not located
Alt?; at northern base of cordillera of Cochabamba, collector? [Garlepp?], date? (Todd, 1929, Proc. U. S. Nat. Mus., **74**:24; Bond & de Schauensee, 1942b:383); Garlepp, date? (Niethammer, 1956:91); there are several localities bearing this name; possibly Río Juntas [Río Juntas Vandiola, 1707/6513 (USBGN)] was intended.

JUNTUTUYO; Cochabamba 1734/6539 (USBGN)
Alt.?; ca. 18 km SE of Punata [1733/6550 (USBGN)], central Cochabamba; not on our maps; lake of 3.5^2 km, Fjeldså, et al., 16 April 1987 (Fjeldså, 1987:36, as "Laguna Juntutuyo").

JUNTUTUYO, LAGUNA (Fjeldså, 1987:36); see Juntutuyo.

KALINA, LAGUNA; Potosí 2232/6711 (Hurlbert, 1978:14)
4,530 m, 16 km^2 lake in extreme southern Potosí, Hurlbert, 2 Dec. 1977, 1 Feb. 1979 (Hurlbert, 1978:14; 1981:6; Hurlbert, et al., 1984:50); Vuilleumier, Nov. 1982 (Dott, 1985:344); not shown on our maps.

KANASA, LAGUNA; Oruro Not located
3,900 m, puna, stony plains, slopes with dense thola, Cabot, 17 Aug. 1984 (Cabot, 1992:206).

KARAHUASI (Niethammer, 1953a:221); see Carahuasi.

KARI KARI, CERROS DE; Potosí 1939/6540 (USBGN)
16,588 ft [5,050 m] (ONC); short range to the E and SE of city of Potosí [1935/6545 (USBGN)] (MHA); Carriker, in mountains, three times between 20 and 27 Jan. 1938 (Bond & de Schauensee, 1942b:313).

KASILLA, LAGUNA; Oruro Not located
3,600 m, central Oruro, puna, arid, stony, thola shrubs, tussock grass, Cabot, 20 Aug. 1984 (Cabot, 1991:203).

KASSIRI (Hellmayr, 1937:186); see Casiri, Cerro.

KATACORA (Cabot, 1991:205); see Catacora.

KATANTICA; La Paz Not located
4,600-5,000 m, in Abra Pelechuco [1451/6907 (USBGN)], central western La Paz, alpine vegetation, Cabot, 1981-1982 (Cabot, 1991:205); appears to be on edge of Reserva Nacional de Ulla Ulla [ca. 1455/6912 (Ribera & Hanagarth, 1982:40)].

KEHUIÑAL, CERRO; Cochabamba Not located
Alt.?; southeastern Cochabamba, between Arani [1734/6546 (USBGN)] and Vacas [1732/6535 (USBGN)], Fjeldså, et al., on heath at 3,400 m, 16 April 1987 (Fjeldså, 1987:36).

KEÑUA-SANDRA, CERRO; Cochabamba Not located
Alt.?; northern Cochabamba, mesothermic, dry brush, *Polylepis* trees, Fjeldså, at 3,900 m, 12-14 April 1987 (Cabot, 1991:202, 203).

KHAPAGUAIA (Sclater & Salvin, 1879:596); see Chapaguaia.

KHAR KKOTA, LAGUNA; Potosí 2135/6804 (Hurlbert, 1978:9)
4,112 m, small lake of 2.0 km^2 (Hurlbert, 1978:9); short distance NE of Ramaditas [2137/6806 (USBGN)] and close to Chilean border in southwestern Potosí (MHA; shown but not named); Hurlbert, 17 Dec. 1975, 18 July, 12 Dec. 1976, 25 Nov. 1977, 20 Dec. 1978, 12 Feb. 1979, 12 July 1980 (Hurlbert, 1978:9, 11, 13, 14; 1981:6, 9; Hurlbert & Keith, 1979:331; Hurlbert, et al., 1984:50).

KHARA CHICA, LAGUNA; Potosí 2153/6750 (Hurlbert, 1981:6)
4,511 m, lake of 1.8 km^2 in southwestern Potosí, near the Chilean border, adjacent to Laguna Khara [2154/6752 (Hurlbert, 1978:14)], Hurlbert, 10 Jan. 1979 (Hurlbert, 1981:6); a small salar is shown at the appropriate locality on ONC, but neither Laguna Khara or Laguna Khara Chica is named; see comment regarding Aralaguna [2153/6751 (USBGN)] under Khara, Laguna.

KHARA, LAGUNA; Potosí 2154/6752 (Hurlbert, 1978:14)
4,509 m (Hurlbert, 1978:14); moderate-size lake of 12 km^2 in southwestern Potosí, near Chilean border; not found on our maps but MHA shows a lake Aralaguna [2153/6751 (USBGN)] which may be the same; Hurlbert, 26 Nov. 1977, 10 Jan 1979 (Hurlbert, 1978:14; 1981:6).

KHASA PUNTA PAMPA; Cochabamba Not located
3,600 m, area of dry grass and some fields, short distance SE of Rodeo [not located], central Cochabamba, Fjeldså, et al., 17 April and S of here in region of *Puya raimondii* also 17 April 1987 (Fjeldså, 1987:36).

KHEÑWA SANDRA, CERRO; Cochabamba? Not located
Alt.?; E of Caracolla [Caracollo, 1739/6710 (USBGN)] and W of city of Cochabamba [1724/6609 (USBGN)], presumably nearer the latter, Fjeldså, et al., in vicinity in *Polylepis* forest, on brushy slopes at ca. 3,900 m, etc., 12-14 April 1987 (Fjeldså, 1987:34, 35).

KILÓMETRO 34; La Paz ca. 1615/6800
14,000 ft [4,275 m], on Yungas Railroad, E of La Cumbre [1622/6803 (USBGN)], Carriker, 13 Jan. 1935 (Carriker, 1935:325).

KILÓMETRO 50; La Paz ca. 1615/6755
13,500 ft [4,100 m], on Yungas Railroad, E of La Cumbre [1622/6803 (USBGN)], Carriker, 9 Jan. 1935 (Carriker, 1935:336).

KILÓMETRO 104; Cochabamba Not located
In Provincia Chaparé [1630/6530 (USBGN)], northeastern Cochabamba, F. Steinbach, 3, 9 Sept. 1960 (WFVZ); Steinbach, 6 Sept. 1960, 19 Feb. 1962 (Remsen, et al., 1987:8); presumably on the road extending NE from city of Cochabamba [1724/6609 (USBGN)] .

KOLLPA KKOTA, LAGUNA; Oruro? Not located
ca. 4,000 m, 2 km^2 sq. shallow lake in open grassland, near Vila Vila [1721/6746 (USBGN)?], N of Ururo [=? Oruro, 1759/6709 (USBGN)], Fjeldså, et al., 11, 23 April 1987 (Fjeldså, 1987:34).

KOLLPA, LAGUNA; Potosí 2228/6725 (Hurlbert, 1978:6)
4,515 m, 2.8 km^2 lake (Hurlbert, 1978:6); in extreme southwestern Potosí, NE of Salar de Challviri [2232/6734 (USBGN)] (MHA, shown but not named); Hurlbert, 14 Dec. 1975, 29 Nov. 1977, 1 Feb. 1979 (Hurlbert, 1978:9, 14; 1981:6; Hurlbert & Keith, 1979:331).

KONANI; La Paz Not located
3,800 m, in Provincia Aroma [1730/6800 (USBGN)], south-central La Paz, observer?, 11 May 1985 (Cabot & Serrano, 1988:189).

KUTA PAMPA; Oruro ca. 1739/6710
Alt.?; camp near Caracollo [1739/6710 (USBGN)], northeastern Oruro, Fjeldså, et al., 11-12 April 1987 (Fjeldså, 1987:35).

LA ANGOSTURA; Cochabamba Not located
2,000 m, 20 km S of Cochabamba [1724/6609 (USBGN)], Cabot, 14 May 1984, 19 May 1985 (Cabot, 1991:202); doubtless associated with Laguna de La Angostura [1733/6603 (USBGN)], which see.

LA CARAPARICITO (Laubmann, 1930:311); see Caraparicito.

LA COCHA (Bond & de Schauensee, 1942b:313); see Alcoche.

LA COLINA; Santa Cruz Not located
980 m, R. Steinbach, 3 April 1973 (FMNH, as "Chiquitos; La Colonia"; Remsen, et al., 1987:15, as "La Colina de Santiago";

doubtless in southeastern Santa Cruz, as collector was at and near Santiago [1819/5934 (USBGN)] from January to July 1973.

LA COLINA DE SANTIAGO (Remsen, et al., 1987:15); see La Colina.

LA CRECENCIA (Laubmann, 1930:4); see Crecencia.

LA CUMBRE; La Paz 1622/6803 (USBGN)
13,000 ft [3,950 m] (Carriker, 1935:332); 14,000 ft [4,250 m] (Bond & de Schauensee, 1943: 173); railroad station at pass ca. 15 km NE of city of La Paz [1630/6809 (USBGN)]; does not appear on maps available to us; Tate, Feb. 1926 (Tate, 1926); collector? [Tate?], date? [Feb. 1926?] (Zimmer, 1936, Amer. Mus. Novit., no. 860, p. 17, as "El Cumbre"); Carriker, 4-5, 11-14 Jan. 1935 (Carriker, 1935:332; Bond & de Schauensee, 1942b:313); Niethammer, 4,600-4,800 m, 26 Aug. 1951 (Niethammer, 1953a:198); Vuilleumier, at 4,500 m, 28 Oct. 1967 (Dott, 1985:343); Donahue and Dreesen, at small lake at 4,643 m, SE of La Cumbre pass, 2 Oct. 1983 (Donahue, 1986); Cabot, at 4,900 m, 1981-1986 (Cabot, 1991:205).

LA ENRAMADA; La Paz Not located
ca. 3,300-3,400 m, above Mina Chojilla [not located], 23 km from [direction?] Unduavi [1619/6754 (USBGN)] and Hichuloma [1618/6754 (USBGN)], mixed grass and patches of epiphyte-laden trees and shrubs, Vuilleumier, 23-26 Dec. 1967 (Vuilleumier, 1969:599-600, as "La Enrramada").

LA ENRRAMADA (Vuilleumier, 1969:599-600); see La Enramada.

LA ESCALERILLA; La Paz ca. 1540/6840 (Gyldenstolpe, 1945:map)
4,500 m, 10 km N of Sorata [1547/6840 (USBGN)] (Fjeldså & Krabbe, 1989:321); ca. 200 km NE of city of La Paz [1630/6809 (USBGN)] and about same distance SE of Peruvian border (Gyldenstolpe, 1945:map); Olalla, 11 July 1938 (Fjeldså & Krabbe, 1989:321, as "Escalerilla").

LA ESPERANZA (Niethammer, 1953a:204); see Esperanza.

LA FLORIDA; La Paz 1621/6746 (USBGN)
5,800 ft [1,750 m], in Yungas [1620/6645 (USBGN)] region, in valley of Río Unduavi [1618/7652 (USBGN)], Tate, including at Pitiguaya [not located], "a section of La Florida", April-May 1926 (Tate, 1926); ca. 50 km NE of La Paz [1630/6809 (USBGN)] and ca. 20 km

W of Chulumani [1624/6731 (USBGN)]; Remsen, 1984:166, as "Pitiaguaya"; not on maps available to us.

LA FORTALEZA; Cochabamba Not located
Alt.?; sawmill in yungas of San Mateo [1742/6442 (USBGN)], southeastern Cochabamba, collector?, above at 2,000 m, date? (Remsen, Parker, & Ridgely, 1982:80).

LAGONILLAS (Chubb, 1919:271); see Lagunillas; Cochabamba.

LAGUNA (Remsen, et al., 1985:129); see Lagunas.

LAGUNAS; Oruro 1813/6858 (USBGN)
4,100 m, in Provincia Sajama [1755/6820 (USBGN)], Schmitt, in area, 2, 4-8 Dec. 1984 (Remsen, et al., 1985:129, as "Puesto Militar de Laguna"; Remsen, et al., 1987:10, as "Laguna"; Schmitt & Schmitt, 1987:130, also as "Puesto Militar de Lagunas"); in northwestern corner of department, next to Nevado Sajama [1806/6854 (USBGN)] (MHA).

LAGUNILLA (Remsen & Ridgely, 1980:70); see Lagunillas; Santa Cruz.

LAGUNILLAS; Cochabamba 1650/6638 (USBGN)
ca. 3,000 m, western Cochabamba, NE of Cocapata [1657/6643 (USBGN)] (MHA, where shown too far N); Simons, at 3,500 m, 17 May, 8 July 1901 (Chubb, 1919:5, as "Langunillas", also as "Langunillas, La Paz", p. 271, as "Lagonillas").

LAGUNILLAS; Santa Cruz 1938/6343 (USBGN)
ca. 1,000 m (ONC); on edge of mountains in southwestern Santa Cruz, near border with Chuquisaca (MHA; ONC); Krieg, in vicinity of Lagunillas and Caraparcito [1947/6342 (USBGN)], 14-30 July 1926 (Laubmann, 1930:4); Steinbach, 15 Feb. 1916 (Remsen, et al., 1985:126); arid, acacias and thorny scrub, Carriker, 11-16 Nov. 1936 (Bond & de Schauensee, 1942b:313); Ridgely, Mar., 22-28 April 1977 (Remsen & Ridgely, 1980:70, as "Lagunilla").

LA JOYA; La Paz 1538/6819 (USBGN)
1,625 m, central La Paz, ca. 35 km NE of the Nevado Illampu [1550/6834 (USBGN)]/Nevado Ancohuma [1551/6836 (USBGN)] range (MHA); Tate, at 5,900 ft [1,800 m], April 1926 (Tate, 1926).

LA JOYA; Oruro 1747/6730 (USBGN)
ca. 3,700 m, in northeastern corner of department, 55 km WNW of city of Oruro [1759/6709 (USBGN)] (MHA); d'Orbigny, 6 Apr. 1833 (d'Orbigny, 1846, pp. 318-319; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 142).

LA LAGUNA; El Beni 1410/6656 (USBGN)
ca. 200 m (MHA); estancia in central western El Beni, ca. 40 km NE of Reyes [1419/6723 (USBGN)], very near San Cristóbal [1412/6656 (USBGN)]; not depicted on our maps; Olalla, 12 Feb. 1938 (Gyldenstolpe, 1945:18, 71).

LAMBATE; La Paz 1637/6736 (USBGN)
9,000 ft [2,750 m] (FMNH); on eastern slope of Nevado Illimani [1639/6740 (USBGN)], 58 km SE of La Paz [1630/6809 (USBGN)] (MHA); Loeb, Aug.-Sept, 1937 (FMNH); Künzel, on road to Lambate, 14 Sept. 1953, 2 Oct. 1955, on road at 2,550 m, 24 April 1955 (Niethammer, 1956:85, 117).

LAMBRAMANI; La Paz 1538/6823 (USBGN)
ca. 2,000 m, in headwaters of Río Tipuani [1527/6751 (USBGN)], south-central La Paz (MAPA, as "Ramisani"); Buckley, 1875 (Sclater & Salvin, 1876a: 254, as "Ramosani"; USNM, as "Ramosani").

LA MERCED; Tarija 2201/6444 (USBGN)
5,500 ft [1,700 m], in deep, narrow valley on Río Cachimayo [not located], Carriker, 26 July-1 Aug. 1935 (Bond & de Schauensee, 1942b:313); MHA shows this at headwaters of Río Bermejo [2651/5827 (USBGN)], southern Tarija, but no Río Cachimayo can be found nearby; there is a town of Cachimayo [2203/6444 (USBGN)] closeby, but not shown on MHA, so perhaps there is a stream bearing the name here.

LA NEGRA, CERRO DE; Santa Cruz 1810/6339 (USBGN)
1,800 m (FMNH); in central western Santa Cruz, ca. 20 km E of Samaipata [1809/6352 (USBGN)]; does not appear on our maps; Steinbach, 15 July 1920 (CM, as "Cuesta Negra"); F. Steinbach, 17-18 Aug.1926 (FMNH, also as "Cuesta La Negra").

LA NEGRA, CUESTA (FMNH); see La Negra, Cerro de.

LANGUNILLAS; Cochabamba (Chubb, 1919:5); see Lagunillas; Cochabamba.

LANGUNILLAS; La Paz (Chubb, 1919:5); see Lagunillas; Cochabamba.

LANZA; La Paz 1715/6705 (USBGN)
Alt.?; central southern La Paz; not indicated on our maps; collector?, date? (Gyldenstolpe, 1941:3); probably this is an error for Laza [1625/6726 (USBGN)], a locality visited by Olalla, who collected for Gyldenstolpe, but it may be Villa de Lanza, an alternative name for Irupana [1628/6809 (USBGN)], which see.

LANZA PACANA; Cochabamba ca. 1710/6620 (Gyldenstolpe, 1945:map)
4,270 m, 40 km NW of city of Cochabamba [1724/6609 (USBGN)], near Morochata [1717/6629 (USBGN) or 1719/6627 (USBGN)], Olalla, at 4,270-4,520 m, rocky and cold, 14-15 Dec. 1938 (Gyldenstolpe, 1945:map; Fjeldså & Krabbe, 1989:322); also see Ucho Ucho.

LAPACANI, RÍO; Santa Cruz (MCZ); see Yapacani, Río.

LA PAZ; La Paz 1630/6809 (USBGN)
3,630 m, major city in south-central La Paz, 75 km SE of Lago Titicaca [1548/6924 (USBGN)] (MHA); d'Orbigny, 28 May-17 July 1830, 19 April-27 June 1833 (d'Orbigny, 1839-1843, pp. 399-423; 1846, pp. 335-358; Sclater & Salvin, 1879:591; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, pp. 142-143); Bridges, nearby, ca. 1845-1847 (Sclater & Salvin, 1879:590, 627; Robinson, 1906:387); Stübel, nearby at 3,500-4,000 m, Dec. 1876 (Menegaux, 1909:211); Rusby, Aug. 1885 (Allen, 1889:108); G. Garlepp, 30 June, 9, 14 Oct., 20 Nov. 1893, G. & O. Garlepp, 19 Nov. 1894 - 4 Jan. 1895, with known dates of 27-28 Nov., 29-30 Dec. 1894, and also 28 Sept. 1895 (MCZ; Berlepsch, 1907, Proc. 4th Intern. Ornith. Congr., London, 1905, p. 354; Hellmayr, 1921:231; Niethammer, 1953a:203; 1956:111); Simons, 13 Aug. 1900 (Chubb, 1919:5); O. & G. Garlepp, 26 Sept.-ca. 25 Oct. 1893, O. Garlepp, 15-28 July, 1-8 Aug. 1897 (Niethammer, 1953a:203, 204); Créqui-Montfort, 8 Aug. 1903 (Menegaux, 1909:206); Carter, date? (USNM); Steinbach, 26 Sept. 1920 (Todd, 1928, Ann. Carnegie Mus., **18**:350); J. Steinbach, 10 Dec. 1921, 7-8, 19 Jan., 2, 4, 7-8, 22 Mar., 2, 4-5, 10 April 1922 (MCZ); Niethammer, 17-26 July, ca. 19-29 Aug., 24-27 Dec. 1951 (Niethammer, 1953a:198); Serrano and Cabot, 4 Dec. 1981 (Serrano & Cabot, 1983); Cabot, 30 km S at 3,800 m, puna, scattered vegetation, 7 Jan. 1984 (Cabot, 1991:205);

Fjeldså, et al., in city, 6-8, 23-27 April, and on road between city of Oruro [1759/6709 (USBGN)] and La Paz, various places, 11, 23 April 1987 (Fjeldså, 1987:39, 40).

LA PAZ, DEPARTAMENTO DE 1530/6800 (USBGN)
Eastern central Bolivia, bounded on W by Chile and Peru, on N by Pando, on E by El Beni and Cochabamba, and on S by Oruro; part of eastern border formed by Río Beni [1023/6524 (USBGN)].

LA PAZ, RÍO DE; La Paz 1627/6719 (USBGN)
Rises on southern outskirts of city of La Paz [1630/6809 (USBGN)] and flows SE and then NE to join Río Bopi [Río Boopi, 1541/6715 (USBGN)] (MHA; MAPA-II); Fjeldså, et al., in canyon at 3,000-3,500 m, arid "moon landscape," 26 April 1987 (Fjeldså, 1987:40); see also Huajchilla.

LA PLAZUELA; La Paz 1628/6722 (USBGN)
1,400 m; eastern central La Paz, near mouth of Río de La Paz [1627/6719 (USBGN)] and Irupana [1628/6728 (USBGN)], Künzel, date? (Niethammer, 1956:117, p.103, as "Plazuela"); not found on our maps.

LA PURÍSIMA CONCEPCIÓN DE BAURES (Papavero, 1971:140); see Puerto de Concepción.

LA PURISSIMA CONCEPCION DE BAURES (d'Orbigny, 1846:89); see Puerto de Concepción.

LARIPATA; La Paz ca. 1550/6843
Alt.?; on Nevado Illampu [1550/6834 (USBGN)], Olalla, 27 July 1938 (Gyldenstolpe, 1945:56; Fjeldså & Krabbe, 1989:322).

LAS CARRERAS; Tarija 2115/6517 (USBGN)
2,328 m (Nores & Yzurieta, 1984:329); on PanAmerican Highway, on Potosí border, 65 km WNW of city of Tarija [2131/6445 (USBGN)] (MHA; ONC); Dott, ca. 1974 (Dott, 1986:133); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329).

LAS HABRAS MOUNTAINS; Santa Cruz Not located
Between Samaypata [Samaipata, 1809/6352 (USBGN)] and Santa Cruz de la Sierra [Santa Cruz, 1748/6310 (USBGN)], southwestern Santa Cruz, d'Orbigny, date? (Sclater & Salvin, 1879:644); obviously misspelled.

LAS JUNTAS; Santa Cruz 1838/6308 (USBGN)
Alt.?; western Santa Cruz, ca. 95 km S of city of Santa Cruz [1748/6310 (USBGN)], apparently on the Río Grande [1551/6439 (USBGN)]; not shown on maps available to us; J. Steinbach, 24-25 Sept., Nov. 1913 (CM).

LAS TAPERAS; Santa Cruz 1754/6023 (USBGN)
ca. 300 m, eastern Santa Cruz, 44 km ESE of San José de Chiquitos [1751/6047 (USBGN)] (MHA, as "Taperas"); not to be confused with the Taperas [1821/6328 (USBGN)] in western Santa Cruz; Krieg, 16-17 Oct. 1926 (Laubmann, 1930:50, 173).

LAZA; La Paz 1625/6726 (USBGN)
2,100 m (Gyldenstolpe, 1945:map); 75 km E of La Paz [1630/6809 (USBGN)] and 15 km SE of Chulumani [1624/6731 (USBGN)] (MHA); mainly thorny scrub, Olalla, 6-15 Oct. 1938 (Gyldenstolpe, 1941:5; FMNH; Fjeldså & Krabbe, 1989:322); Künzel, at 1,800 m, 21 May 1952 and on Laza road at 2,100 m, date? (Niethammer, 1956:108; 149); also see Lanza.

LECHE PURO; Potosí Not located
Alt.?; northeastern Potosí, apparently on the road between Puente Sucre [not located], the bridge over Río Pilcomayo [2521/5742 (USBGN)], and city of Potosí [1935/6545 (USBGN)], Fjeldså, et al., between the bridge and Leche Puro, ca. 3,000 m, dry hills, scrub, 20 April 1987 (Fjeldså, 1987:38).

LEENA; La Paz 1624/6720 (USBGN)
1,850 m (Niethammer, 1956:85); NE of Irupana [1628/6728 (USBGN)], possibly on Río de La Paz [1627/6719 (USBGN)], but does not appear on our maps; Künzel, 21 Aug. 1953 (Niethammer, 1956:85, as "Lejna").

LEJNA (Niethammer, 1956:135); see Leena.

LESBATO Not located
Alt.?; Behn, 15 April 1847 (Berlepsch & Leverkühn, 1890, Ornis, **6**:10); almost surely a misspelling; Hellmayr, 1937, Field Mus. Nat. Hist. Publ., **13**, pt. 10, p. 60, places on Río Grande [1551/6439 (USBGN)] in Santa Cruz.

LIMBO; Cochabamba Not located
2,200 m, in "Chapara" [Provincia Chaparé, 1630/6530 (USBGN)], in northeastern part of department, F. Steinbach, 30 Mar. 1938 (Remsen, et al., 1986:27 as "El Limbo"), 18 Apr. 1954 (WFVZ; Remsen, et al., 1982:80, as "El Limbo"); correct form of name is unknown.

LIPEO, RÍO; see Monte Bello.

LIRIA; La Paz Not located
Alt.?; in "Cillutincara range" [Cerro Sillutincara, 1617/6754 (USBGN)], NE of La Paz [1630/6809 (USBGN)], collector?, date? (Zimmer, 1951, Amer. Mus. Novit., no. 1513, p. 12); see, also, Sillutincara, Cerro.

LIRIUNI; Cochabamba 1719/6620 (USBGN)
3,136 m (Gyldenstolpe, 1941:map); N of city of Cochabamba [1724/6609 (USBGN)] on Cerro Tunari [1718/6622 (USBGN)]; Olalla, at 3,000-3,200 m, grassy, scrub, 17-30 Nov. 1938 (Gyldenstolpe, 1941:266; Fjeldså & Krabbe, 1989:322); F. Steinbach, 25 July 1939 (FMNH).

LIVICHUCO; Potosí 1853/6628 (USBGN)
4,270 m, northwestern Potosí, 120 km SSW of Oruro [1759/6709 (USBGN)] (MHA); Simons, at 4,500 m, 28 Aug. 1901 (Chubb, 1919:5, 43).

LLALLAGUA; Potosí 1825/6638 (USBGN)
13,000-14,500 ft [3,950-4,400 m] (Bond & de Schauensee, 1942b:314); in northestern corner of Potosí, adjacent to Cataví [1824/6636 (USBGN)] (which see), 5 km N of Uncia [1827/6637 (USBGN)] and 70 km SE of Oruro [1759/6709 (USBGN)] (MHA); Carriker, 5-25 May 1936 (Bond & de Schauensee, 1942b:314).

LLALLAGUA, CERRO; La Paz? Not located
Alt.?; on western edge of "La Paz canyon" [=? Río de la Paz, 1627/6719 (USBGN)], Fjeldså, et al., between Ventanilla [not located; =? Ventilla, ca. 1635/6810 (MAPA-II)] and Cerro Llallagua, 3,900-4,100 m, dry puna, grassland, some fields, and semi-desert, along Río Cala Jahuira [ca. 1632/6812 (MAPA-II)], and in *Polylepis* scrub on slopes at 3,800-4,050 m, 25 April 1987 (Fjeldså, 1987:39); appears to be fairly close to, and S of, city of La Paz [1630/6809 (USBGN)].

LLANQUERA; Oruro 1806/6747 (USBGN)
ca. 4,000 m, central northern Oruro, 70 km WSW of city of Oruro [1759/6709 (USBGN)] (MHA); d'Orbigny, 12-13 April 1833 (d'Orbigny, 1846, pp. 330-331; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 142).

LLANTA APACHETA (MHA); see Millares.

LLAVINI; Cochabamba Not located
3,050-3,680 m, 55 km W of Cochabamba [1724/6609 (USBGN)], puna, pastures, degraded *Polylepis* forest, Cabot, in vicinity, Oct., 8, 14, 26 Dec. 1985-2 Feb. 1986, Arias, Sept., Dec. 1986 (Cabot, 1986:183-184; 1991:202; 1991:205).

LLICA; Potosí 1952/6816 (USBGN)
3,666 m, on northwestern side of Salar de Uyuni [2020/6742 (USBGN)], ca. 40 km ESE of Cordillera Sillajhuay [1945/6842 (USBGN)] and close to border of Chile (MHA); extremely dry, only water is brackish, mountains to W and pampa to E, Carriker, 6-10 Feb. 1938 (Bond & de Schauensee, 1942b:314).

LOCOTAL; Cochabamba 1711/6548 (USBGN)
5,800 ft [1,775 m] (Chapman, 1919a:260); central Cochabamba, 38 km NE of Sacaba [1723/6601 (USBGN)] and 8 km N of Incachaca [1714/6549 (USBGN)] (MHA); G. Garlepp, 14 Mar. 1891 (Berlepsch, 1894:110, as "Cocotal"; see Conover, 1943, Field Mus., Zool. Ser., **24**, no. 31, p. 351, for comment on spelling); Miller, May 1915 (Miller, 1918, *In the Wilds of S. Amer.*, pp. 285-286); collector? [Miller?], date? (Chapman, 1919a:260); Steinbach, April-May 1920 (CM); F. Steinbach, at 1,650 m, 6 Jan. 1940 (FMNH); Olalla, at 1,850 m, 20-29 April 1938 (Gyldenstolpe, 1945:85, map; Fjeldså & Krabbe, 1989:322, as "El Locotal").

LÓPEZ MENDOZA; Cochabamba Not located
In Provincia Carrasco [1730/6500 (USBGN)], Schmitt, at Km 98 from [SE?] Cochabamba [1724/6609 (USBGN)], 6.6 km by road NW of López Mendoza, at Quebrada Majon [not located], 3,150 m, 19-20 Aug. 1984 (Schmitt & Schmitt, 1987:131).

LORETO; El Beni 1513/6440 (USBGN)
ca. 250 m, short distance inland from right bank of upper Río Mamoré [1023/6523 (USBGN)], 55 km SSE of Trinidad [1447/6447

(USBGN)] (MHA); d'Orbigny, 12-15 May, 15 Aug.-1 Sept. 1832 (d'Orbigny, 1846, pp. 145-147, 251, also as "Loreto de Moxos"; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 141).

LORETO DE MOXOS (d'Orbigny, 1846:146); see Loreto.

LOROMAYU, LAGUNA; Potosí 2218/6713 (Hurlbert, 1978:14)
ca. 4,650 m, 7.5 km^2 lake in southern Potosí, Hurlbert, 1 Dec. 1977, 18 Feb. 1979 (Hurlbert, 1978:14; 1981:6; Hurlbert, et al., 1984:50); not indicated on maps available to us.

LOS FIERROS; Santa Cruz 1420/6100? (Cabot & Serrano, 1988:191)
450 m, in Provincia Velasco [1530/6100 (USBGN)], W of Serranía de Huanchaca [1430/6039 (USBGN)] and 30 km E of Aserradero Moira [1430/6110 (Bates, et al., 1989:236)], extreme northeastern Santa Cruz (Cabot & Serrano, 1988:191; Bates, et al., 1989:236); not shown on maps available to us; Bates, et al. (loc. cit.) give coordinates as 1430/6110 and Cabot, et al. (1988:236) indicate they are 1435/6050; collector?, 26 Aug., 26 Sept. 1986 (Cabot & Serrano, 1988:191, 192); collector?, 25, 29 Aug. year? [1986?] (Cabot, et al., 1988:236); Cabot & Serrano (op. cit., p. 191) once erroneously placed this in Provincia Cordillera [1900/6130 (USBGN)]; lowland tropical forest, Bates, et al., sometime between 30 June and 12 Aug. 1988, with known dates of 30 June, 1, 3 July (Bates, et al., 1989:236, 237, 238).

LOS NEGROS; Santa Cruz 1803/6407 (USBGN)
810 m (Remsen, et al., 1986:29); in foothills of central western Santa Cruz, close to Pampa Grande [1805/6409 (USBGN)]; not on our maps; Steinbach, 30 April 1961 (Remsen, et al., 1986:29).

LOS PINOS, VALLE DE (Budin, 1928:188); see Pinos.

LURIBAY; La Paz 1706/6739 (USBGN)
2,774 m, south-central La Paz, 80 km SE of city of La Paz [1630/6809 (USBGN)] (MHA); Stöcker, April 1913 (Lanning, 1991b:369).

LURUTO, RÍO Not located
Collector?, 2 June 1921 (LACMNH).

MACAPANI, RÍO (Bond & de Schauensee, 1943:174); see Buena Vista.

MACHACA; Cochabamba 1708/6656 (USBGN)
2,826 m, 88 km WNW of city of Cochabamba [1724/6609 (USBGN)], in northwestern part of department (MHA); d'Orbigny, 18 Sept. 1830 (d'Orbigny, 1839-1843, p. 462).

MACHACAMARCA; Oruro 1810/6702 (USBGN)
3,702 m, at northeastern end of Lago de Poopó [1845/6707 (USBGN)], 22 km SSE of Oruro [1759/6709 (USBGN)] (MHA); Niethammer, 12 Dec. 1951 (Niethammer, 1953a:259); Künzel, 8 Nov. year? (Niethammer, 1956:127).

MACHARETÍ; Chuquisaca 2049/6324 (USBGN)
ca. 800 m, at head of Río Macharetí [Quebrada Macharetí, 2059/6313 (USBGN)], 60 km SSW of Boyuibe [2025/6317 (USBGN)], on lower slopes in southeastern Chuquisaca (MHA); Steinbach, 2 Oct. 1915 (Remsen, et al., 1986:31); Ridgely, N of Macharetí, 3 May 1977 (Remsen & Ridgely, 1980:69); Schmitt, 18.2 km by road N, 11 May 1979 (Remsen, et al., 1986:26).

MACHUPO, RÍO; El Beni 1234/6425 (USBGN)
Small tributary of Rio Guaporé [or Río Itenez, 1154/6501 (USBGN)] rising N of Trinidad [1447/6447 (USBGN)] in central El Beni, and flowing N, parallel to Río Mamoré [1023/6523 (USBGN)] (MHA); d'Orbigny, Mar. 1832 (d'Orbigny, 1846, p. 193).

MADEIRA, FALLS OF THE (Allen, 1889:78); see Madera, Cachuela.

MADERA, CACHUELA; Pando 1020/6522 (USBGN)
ca. 100 m, falls on Río Madera [0322/5845 (USBGN)], just below confluence of Río Beni [1023/6524 (USBGN)] and the town of Villa Bella [1023/6524 (USBGN)] (MHA, shown but not named); Rusby, Oct. 1886 (Allen, 1889:78, as "falls of the Madeira").

MADREJÓN; Santa Cruz Not located
400 m, in western part of department in Provincia Ichilo [1700/6400 (USBGN)], collector? [F. Steinbach?], 20 Nov. 1943 (Remsen & Ridgely, 1980:72); Steinbach, 28 Oct. 1946 (Remsen, et al., 1986:28); F. Steinbach known to have been on Río Surutu [1724/6351 (USBGN)] on 20 Nov. 1943; there is a locality bearing this name at 1727/6340 (USBGN) in Tarija.

MAGDALENA; El Beni 1320/6408 (USBGN)
776 ft [233 m] (ONC); central eastern El Beni, on Río Itonamas [1228/6424 (USBGN)], 90 km S of Rio Guaporé [or Río Itenez, 1154/6501 (USBGN)] (MHA); d'Orbigny, ca. 1-7 Mar. 1832 (d'Orbigny, 1846, pp. 97-99, also as "Santa Magdalena de Moxos"; Sclater & Salvin, 1879:618, as "Mission de Magdalena"); Dott, 6-22 Dec., and 30 km NW, 9-16 Dec. 1974 (Dott, 1984:105, 108; 1985:343; 1986:134).

MAGDALENA, MISSION DE (Sclater & Salvin, 1879:618); see Magdalena.

MAJÓN, QUEBRADA; Cochobamba Not located
2,950-3,250 m, in Provincia Carrasco [1730/6500 (USBGN)], east-central Cochabamba, 6.6 km by road NW of López Mendoza [not located], at Km 98 from [E of] Cochabamba [1724/6609 (USBGN)], Schmitt, 6-13 May 1984 (Remsen, et al., 1985:126; 1990:366, 372).

MALAGÁ Not located
Garlepp, date? (Zimmer, 1951, Amer. Mus. Novit., no. 1513, p. 42; Niethammer, 1956:96); at a high altitude, probably near La Paz [1630/6809 (USBGN)].

MAMA KHUMU, LAGUNA; Potosí 2216/6705 (Hurlbert, 1981:6)
4,449 m, lake covering 7.0 km^2, in southern Potosí, Hurlbert, 19 Feb. 1979 (Hurlbert, 1981:6); not depicted on our maps; E of town of Llito [2116/6713 (USBGN)].

MAMORA; Tarija Not located
1,320 m, southern Tarija, near Bermejo [2210/6442 (USBGN)], Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:328); although shown N of Bermejo by Nores & Yzurieta (loc. cit.), this may refer to Cerro Mamora [2211/6438 (USBGN)] to the E.

MAMORÉ; RÍO; El Beni 1023/6523 (USBGN)
Major river rising through the confluence of several rivers at the border of southern central El Beni and flowing N to join Río Beni [1023/6524 (USBGN)] to form Río Madera [0322/5845 (USBGN)] at the northern tip of El Beni (MHA); F. Steinbach, on river in Provincia Marbán [1540/6420 (USBGN)], southern El Beni, 7, 18, 25 Feb. (Remsen, at al., 1986:24, 28, 29), 12 Mar., 4 April 1944 (O'Neill, 1976).

MAPAISO, RÍO; Santa Cruz Not located
Small river S of Santa Cruz [1748/6310 (USBGN)], J. Steinbach, 3 Sept. 1909 (CM); may be misspelled; Steinbach was also at Tacuaral [not located] on this date.

MAPIRI; La Paz 1515/6810 (USBGN)
491 m, on upper Río Mapiri [1528/6749 (USBGN)], 110 km NE of Lago Titicaca [1548/6924 (USBGN)] (MHA); Buckley, 1875 (Sclater & Salvin, 1879:591); Rusby, April 1885 [error?], April 1886 (Allen, 1889:79); Simons, at 1,600 m, 23-24 Aug. 1900 (Chubb, 1919:5); Tate, April 1926 (Tate, 1926); Olalla, date? (Gyldenstolpe, 1945:map).

MARBAN; El Beni 1540/6420 (USBGN)
Alt.?; southern El Beni, 105 km SSE of Trinidad [1447/6447 (USBGN)]; not on our maps; on Río Mamoré [1023/6523 (USBGN)], F. Steinbach, 4-5, 7, 12, 14 Feb., 6, 22 Mar., 2, 14-15 April 1944 (FMNH).

MARIN PAMPA; Cochabamba ca. 1750/6530 (Gyldenstolpe, 1945:map)
2,887 m, southern Cochabamba, near Philpina [1758/6533 (USBGN)], E of Vila Vila [1747/6505 (USBGN)], and W of Mizque [1756/6519 (USBGN)], Olalla, 18 Jan. 1939 (Gyldenstolpe, 1945:57, map; Fjeldså & Krabbe, 1989:322).

MASICURI; Santa Cruz 1848/6346 (USBGN)
ca. 1,000 m, in foothills of southwestern Santa Cruz, 38 km WNW of Abapó [1850/6328 (USBGN)] (MHA, as "Masieuri"); Schmitt, 14.5 km by road NW at 1,050 m, 9 Jan (Schmitt, et al., 1986:310), 13 km by road NW at 1,000 m, 7-8 Jan., 16 km by road NW at 1,100 m, 10 Jan. 1984 (Remsen, et al., 1986:23, 29).

MASIEURI (MHA); see Masicuri.

MATARACÚ; Santa Cruz Not located
400 m (Remsen, et al., 1985:127); in Provincia Ichilo [1700/6400 (USBGN)], F. Steinbach, 19-20, 27 June, 9 Aug., 5-6, 30 Sept. 1943 (FMNH; Remsen, et al., 1986:28, 30, 32); presumably a site on Río Mataracú [=Río Matacura (MHA) =Río Maracara, 1736/6356 (USBGN)], a short distance W of Buena Vista [1727/6340 (USBGN)], a frequent source of Steinbach specimens over many years.

MATARAL; Santa Cruz 1806/6411 (USBGN)
ca. 1,200 m, on slope of cordillera in extreme western Santa Cruz, 9 km WSW of Pampa Grande [1805/6409 (USBGN)] (MHA); d'Orbigny, very early Nov. 1830 (d'Orbigny, 1839-1843, p. 504; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 140); Ridgely, in arid intermontane valley at ca. 1,500 m, 3-4 km S of Mataral, 21 Mar. 1976 (Remsen & Ridgely, 1980:74).

MAURI; La Paz 1728/6922 (USBGN)
Alt.?; in southwestern part of department, in vicinity of Charaña [1736/6928 (USBGN)]; not found on our maps; collector?, date? (Hellmayr, 1925, Field Mus. Nat. Hist. Publ., **13**, pt. 4, p. 46).

MECAPACA; La Paz 1641/6802 (USBGN)
2,841 m, 15 km SE of city of La Paz [1630/6809 (USBGN)] (MHA); Remsen, 2.5 km by road S of Mecapaca and ca. 26 km by road S of Calacoto [1632/6806 (USBGN)], at 3,050 m, 17 July 1981 (Remsen, et al., 1987:12).

MEGUELLA, RÍO (d'Orbigny, 1846:145); see Miguilla, Río.

MEGUILLA, RÍO (Sclater & Salvin, 1879: 625); see Miguilla, Río.

MELOCOTÓN; Tarija Not located
5,000 ft [1,500 m], Budin, Jan. 1925 (FMNH).

MERCADO, PARQUE NACIONAL NOEL KEMPFF; Santa Cruz
Not located
500 m, in Provincia Velasco [1530/6100 (USBGN)], northern Santa Cruz, Davis, 22 Nov. 1987 (FMNH).

MERKE MARCA; La Paz 1516/6814 (USBGN)
Alt.?; ca. 10 km W of Mapiri [1515/6810 (USBGN)] in central La Paz; not on maps available to us; Buckley, 1875 (Sclater & Salvin, 1879:603, as "Mirkimarca").

MIGUELITA (Chapman, 1919a: 262); see Miguelito.

MIGUELITO; Cochabamba ca. 1700/6545 (Gyldenstolpe, 1945:map)
5,000 ft [1,500 m] (Chapman, 1919a:261, as "Miguelita"); ca. 115 km NNE of city of Cochabamba [1724/6609 (USBGN)], Olalla, at 1,650 m, 30 April-7 May 1938 (Gyldenstolpe, 1945:map; Fjeldså &

Krabbe, 1989:322); Miller, May 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 287).

MIGUELLA, RÍO (Sclater & Salvin, 1879:610); see Miguilla, Río.

MIGUILLA, RÍO; La Paz 1616/6712 (USBGN)
Small right-bank tributary of Río de La Paz [1627/6719 (USBGN)] in the Yungas [1620/6625 (USBGN)] region, rising W of Circuata [1638/6715 (USBGN)] in southeastern La Paz (MHA); d'Orbigny, 30-31 Aug. 1830 (d'Orbigny, 1839-1843, pp. 448-449, as "Río Meguilla"; 1846, p. 145, as "Río Meguella" and Río Meguilla"; Sclater & Salvin, 1879:610, as "Río Miguella", p. 625, as "Río Meguilla").

MILLARES; Potosí 1925/6512 (USBGN)
2,595 m (Nores & Yzurieta, 1984:329); central eastern Potosí, on Chuquisaca border, 42 km SSE of Sucre [1902/6517 (USBGN)] (MHA, as "Llanta Apacheta"); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329); Vuilleumier, nearby, and also between Millares and Otuyo [1929/6515 (USBGN)], 13 Dec. 1967 (Vuilleumier, 1969:605).

MINA ISCA ISCA (Vuilleumier, 1969: 601); see Isca Isca.

MIRKIMARCA (Sclater & Salvin, 1879:603); see Merke Marca.

MISIÓN FÁTIMA; El Beni Not located
Alt.?; ca. 5 km W of Río Mainique [not located], Hilty, May 1988 (Parker, et al., 1991:128).

MIZQUE, PROVINCIA; Cochabamba 1755/6530 (USBGN)
In western central Cochabamba, formerly included Provincia Campero [1820/6500 (USBGN)] (MHA); d'Orbigny, ca. 23-29 Oct. 1830 (d'Orbigny, 1839-1843, pp. 488-501; Salvin & Sclater, 1879:591, as "Mizqui", p. 604); see, also, Torochito.

MIZQUE, RÍO; Cochabamba/Santa Cruz 1839/6420 (USBGN)
Rises in south-central Cochabamba, to W of town of Mizque [1756/6519 (USBGN)], and flows E and then SE to join upper Río Grande [1551/6439 (USBGN)] (MHA); Behn, at Perereta [1806/6448 (USBGN)], April 1847 (Lanning, 1991b:369); Carriker, at Ele Ele [1806/6445 (USBGN)], 8-17 Oct. 1937 (Bond & de Schauensee, 1942b:312); Lanning, on a 50 km portion of river and a tributary

between Saipina [1804/6433 (USBGN)], La Junta [ca. 1818/6428 (Lanning, 1991a:358)], and Pulquina [1806/6425 (USBGN)], at 1,300 to 2,100 m, 18-27 Dec. 1981, 27 Feb.-8 Mar. 1982, on a 40 km portion of river between Peña Colorada [1810/6450 (USBGN)] and Ele Ele, 4-10 Jan. 1982, on river near Gramal [ca. 1800/6510 (Lanning, 1991a:358)], at 1,800 m, 29 Dec. 1981 (Lanning, 1991a:359-360; 1991b:368); d'Orbigny, 1846, p. 155, as "Río Muqui".

MIZQUE; Cochabamba 1756/6519 (USBGN)
2,040 m, southwestern central Cochabamba, 32 km SW of Totora [1742/6409 (USBGN)] (MHA); Miller, Sept. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 326); Olalla, date? (Gyldenstolpe, 1945:map); Fjeldså, et al., nearby, between 3,100-3,600 m, dense thickets of *Polylepis*, between Cerro Canto Monte [not located] and Mizque, at 3,600-3,800 m, dry, stony, scattered scrub, and nearer Mizque, at 3,000 m, grassy slopes, some cultivated fields and brush, 17 April, at campsite, 25 km "before" [=N of?] Mizque, ca. 2,950 m, semi-humid scrub forest, 17-18 April, nearer Mizque, at 2,300-2,500 m, varied leguminaceous woods, 18 April, and between Mizque and Aiquile [1810/6510 (USBGN)], alt.?, leguminaceous woodland, savanna, dry field, etc., 18 April 1987 (Fjeldså, 1987:37; Cabot, 1991:203); also see Mizque, Provincia.

MIZQUI (Sclater & Salvin, 1879: 591); see Mizque, Provincia.

MOHO; Puno, Peru
Erroneously attributed to Bolivia by Allen & Garman (1876:353).

MOJOS (Sclater & Salvin, 1879:630); see Moxos, Provincia.

MOLLE-MOLLE; Cochabamba Not located
Close to Cochabamba [1724/6609 (USBGN)], Steinbach, date? (Todd, 1942, Ann. Carnegie Mus., **29**:338, 370); Steinbach, 22 April 1922 (Remsen, et al., 1986:32).

MONOS; Santa Cruz ca. 1810/6342 (MAPA)
4,700 ft [1,450 m], collector? [Miller?], date? [1915?] (Todd, 1919, Proc. U. S. Nat. Mus., **74**:51); on road E of Samaipata [1809/6352 (USBGN)], in foothills of western Santa Cruz (MAPA).

MONTEAGUDO; Chuquisaca 1949/6359 (USBGN)
5,000 ft [1,500 m] (FMNH); eastern Chuquisaca, 32 km SW of

Lagunillas [1938/6343 (USBGN)] and 70 km SE of Padilla [1919/6420 (USBGN)] (MHA); Crossin, 16 km N, 24-28 Nov., 1 Dec., 72 km ESE [in Dpto. Santa Cruz], at 4,000 ft [1,200 m], 20, 30 Nov., 1-9 Dec., and 80 km ESE [in Dpto. Santa Cruz], at 3,500 ft [1,050 m], 4 Dec. 1972 (FMNH, ESE localities cited as "Monteagudo, Santa Cruz"); Schmitt, 16 km by road E of Monteagudo, 26 April 1984 (Schmitt & Schmitt, 1987:131); Remsen, et al. (1986:29; 1987:16) record from here a specimen of *Dryocopos schulzi* collected on 13 May 1917, but this is a Dinelli specimen (MCZ no. 86,762) from Monteagudo [2731/6517 (USBGN)], **Tucumán, Argentina**; see, also, Hirnado Silez.

MONTEAGUDO; Santa Cruz (FMNH); see Monteagudo, Chuquisaca.

MONTE BELLO; Tarija ca. 2241/6426
2,000 ft [600 m], farm in southern Tarija, near Argentina border, near where the Río Lipeo [not located] and the Río Candado [*Quebrada* Candado *Chico*, 2241/6426 (USBGN)] meet, Carriker, 9-10 (MCZ, as "Río Lipeo"), 11-28 Aug., 1-3 Oct. 1936 (Bond & de Schauensee, 1942b:313, as "Río Lipeo"); this description, given by Bond & de Schauensee (loc. cit.) is faulty and cannot refer to the Río Lipeo [2226/6432 (USBGN)] that rises in northwestern Salta, Argentina and joins the upper Río Bermejo [2652/5823 (USBGN)], without entering Bolivia; the USBGN for Bolivia has no entry for "Río Lipeo" or for a town bearing the name "Lipeo", but ONC shows a town of Lipeo, in Bolivia, at ca. 2225/6445; possibly there is a river nearby also bearing this name; Bond & de Schauensee (op. cit., p. 309) show further confusion by stating that the Río Lipeo flows northward into Salar de Uyuni [2020/6742 (USBGN)], when they meant the Río Grande de *Lípez* [2047/6714 (USBGN)], in Potosí.

MONTE GRANDE; El Beni Not located
Alt.?; central El Beni, 90 km N of Trinidad [1447/6447 (USBGN)], collector?, date? (Remsen, et al., 1990:376).

MONTE GRANDE; Santa Cruz Not located
On road between Santa Cruz [1748/6310 (USBGN)] and San José de Chiquitos [1751/6047 (USBGN)], Krieg, 28 Aug.- 6 Sept. 1926 (Laubmann, 1930:4); Krieg, at Guarayos [1735/6146 (USBGN)], 1 Sept.(op.cit., p. 97, as "Monte Grande, Guarayos"); d'Orbigny, 14-30 June 1831 (d'Orbigny, 1839-1843, pp. 582-588; 1846, p. 165); Monte Grande seems to be the name for the region in vicinity of the

upper Río Grande [1551/6439 (USBGN)] between Santa Cruz and San José de Chiquitos, rather than for a specific locality; see, also, Cafeces.

MONTE PUNCO (Remsen, et al., 1982:77); see Vanimayo, Río.

MONTERO; Santa Cruz 1720/6315 (USBGN)
ca. 500 m, in central part of department, 48 km N of city of Santa Cruz [1748/6310 (USBGN)] (MHA, as "Vibora (Montero)"); J. Steinbach, 23 June 1918 (MCZ); F. Steinbach, 26 May 1938 (FMNH); Dott, at 300 m, 19 Mar., also between Montero and Santa Cruz, at 350 m, 16-25 Mar., and NW at Río Yapacani [1600/6425 (USBGN)], at 293 m, 20 Mar. 1975 (Dott, 1985:343-344); Parker and Rowlett, 8 km E, 2-3 Oct. 1983 (Parker & Rowlett, 1984:110); Remsen, et al., 2.5 km N and 8 km E at 300 m, 8 Feb., 8 June, 7-9 July 1984 (Schmitt, et al., 1986:308; Remsen, et al., 1987:10).

MOROCHATA; Cochabamba 1717/6629 (USBGN)
3,094 m, northwestern Cochabamba, 50 km NW of city of Cochabamba [1724/6609 (USBGN)] (MHA); d'Orbigny, 19 Sept. 1830 (Sclater & Salvin, 1879:608; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 140); Vuilleumier, ca. 44 km from [NW] Cochabamba on road to Morochata, at 3,720 m, 5 Jan. 1968 (Vuilleumier, 1969:602).

MOXOS (Sclater & Salvin, 1879:595); see Moxos, Provincia.

MOXOS, PROVINCIA; El Beni 1510/6530 (USBGN)
Province in the southern part of El Beni with its capital at San Ignacio [1453/6536 (USBGN)] (MHA); formerly included most of the lowlands of northern and eastern Bolivia; d'Orbigny, at various sites within the province, 1831-1832 (d'Orbigny, 1846, pp. 8-19, 182-221; Sclater & Salvin, 1879:595, as "Moxos", p. 630, as "Mojos"); see, for example, Trinidad, El Beni; Puerto de Concepción; San Ignacio, El Beni; Santa Ana, El Beni; Magdalena; Loreto.

MUKDEN; Pando 1111/6902 (USBGN)
ca. 300 m, extreme western Pando, 35 km SW of Río Acre [0845/6722 (USBGN)], Cobija [1102/6844 (USBGN)], and the Brazilian frontier (MHA); Parker, June 1986 (Parker, et al., 1991:125, as "Mucden", p. 126).

NAIRAPI; La Paz 1535/6812 (USBGN)
1,317 m, in south-central La Paz, 67 km E of Lago Titicaca [1548/6924 (USBGN)], on middle Río Tipuani [1527/6951 (USBGN)] (MHA); Buckley, 1875 (Sclater and Salvin, 1876a: 253).

NARVÁES, RÍO; Tarija Not located
Budin, at 6,500 ft [2,000 m], Feb. 1925 (FMNH); probably should be spelled Narváez and may have some association with the town of Narváez [2124/6418 (USBGN)] in central part of the department.

NEGRA, CUESTA (CM); see La Negra, Cerro de.

ÑEQUEJAHUIRA; La Paz ca. 1620/6750 (Tate, 1926)
8,000 ft [2,450 m], in Yungas [1620/6645 (USBGN)] region, NE of city of La Paz [1630/6809 (USBGN)], Tate, May 1926 (Tate, 1926); collector? [Tate?], date? (Chapman, 1926b:3; Zimmer, 1941, Amer. Mus. Novit., no. 1126, p. 9).

NUEVA MOKA; Santa Cruz 1719/6333 (USBGN)
833 ft [250 m], central Santa Cruz, 5 km NW of Portachuelo [1721/6324 (USBGN)] and 65 km NW of city of Santa Cruz [1748/6310 (USBGN)] (ONC); F. Steinbach, 4 Feb. (Remsen, et al., 1985:126, as "Curiche Nueva Moka"), 2 April 1922 (CM, as "Curichi Nueva Moka"), 4 April, 8, 28 May, 1-6, 8 June 1938 (FMNH).

OBRAJES; La Paz 1632/6807 (USBGN)
ca. 3,600 m, suburb of La Paz [1630/6809 (USBGN)] (MHA); d'Orbigny, 17 July 1830 (Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 139); O. and G. Garlepp, 19 Nov. 1884 - 4 Jan. 1895 (Niethammer, 1953a:203).

OCARA; La Paz 1539/6824 (USBGN)
ca. 2,500 m, in central part of department, 57 km SW of Mapiri [1515/6810 (USBGN)] and 50 km NE of Lago Titicaca [1548/6924 (USBGN)] (MHA); Tate, April 1926 (Tate, 1926).

OLGIN (Niethammer, 1953a:201); see Valle de Holguin.

OLGINO Not located
Collector?, date? (Naumberg [sic], 1925:421); an obvious misspelling; possibly "Holguin," as in Valle de Holguin [1818/6410 (USBGN)], was intended.

OMEJA; La Paz Not located
Alt.?; near bridge at Chupé [Santa Rosa, 1623/6744 (USBGN)], O. Garlepp, 21 July-Oct. 1894 (Niethammer, 1953a:203).

ONDA, QUEBRADA (Berlepsch, 1901:82); see Honda, Quebrada,

OPLOCA; Potosí 2119/6546 (USBGN)
11,000 ft [3,350 m] (Bond & de Schauensee, 1942b:314); in eastern central Potosí, on Río Tupiza [2131/6540 (USBGN)], 12 km WNW of town of Tupiza [2127/6543 (USBGN)] (MHA); well irrigated, thick, thorny scrub where not cultivated, Carriker, 20 June-2 July 1936, 24 Feb.-2 Mar. 1938 (Bond & de Schauensee, 1942b:314); see, also, Salo.

OPOQUERE; Oruro Not located
ca. 3,600 m, central western Oruro, puna, arid, stony, thola shrubs, tussock grass, Cabot, 20 Aug. 1984 (Cabot, 1991:203).

ORIÓN; El Beni ca. 1430/6720 (Gyldenstolpe, 1945:map)
196 m, on right side of upper Río Beni [1023/6524 (USBGN)], ca. 35 km S of Reyes [1419/6723 (USBGN)], pampas, swamps, and patches of forest, Acho, 2, 4-31 May, 1-4 June 1938 (Gyldenstolpe, 1945:18, 37, 39, 41, 42, 43, 44, 46, 54, 86, 90, 98, 117, 127, 139, 198, 199, 205, 239, 284, map).

ORURO, DEPARTAMENTO DE 1840/6730 (USBGN)
Western Bolivia, bounded on W by Chile, on the N by La Paz, and on E and S by Potosí, contains Lago de Poopó [1845/6707 (USBGN)]; Walsh, on altiplano at 12,500 ft [3,800 m], 22, 29-30 Dec. 1957, 3, 19 Jan., 1 Feb. 1958 (FMNH).

ORURO; Oruro 1759/6709 (USBGN)
3,706 m, capital, in northeastern corner of department (MHA); d'Orbigny, 3-5, 13-15 April 1833 (d'Orbigny, 1846, pp. 313-317, 331; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 142; Sclater & Salvin, 1879:606); Simons, 5-24 Aug. 1901 (Chubb, 1919:5); Lynch [Arribálzaga], [possibly department rather than city intended], June 1908 (Orfila, 1938, Hornero, 7:3); Becker,

2, 4 Feb. 1915 (FMNH); collector? [Becker?], 2 Feb. year? (Chapman, 1919b:329); J. Steinbach [=Vasquez?], 20 (FMNH), 21 (Remsen, et al., 1987:10), 26 Dec. 1921 (MCZ); Walsh, 3, 10, 14, 24 Nov. 1957, 16 Jan. 1958 (FMNH); Dott, ca. 40 km NW at 3,750 m, 7 July 1975 (Dott, 1984:107); Parker and Rowlett, ca. 8 km N, 16 Oct. 1983 (Parker & Rowlett, 1984:112); Cumming, 120 km E, 15 Sept. 1959, Lanyon and Castilla, at Km 29, Cochabamba [1724/6609 (USBGN)]/Oruro road, 2,470 m, 14-15 Nov., at Km 31, 2,500 m, 14-15 Nov., at Km 42, 2,575 m, 17 Nov., at Km 60, 2,900 m, 15 Nov., and at Km 80, 3,900 m, 17 Nov. 1987 (FMNH); observer?, 4 km S, 16 Aug. 1984 (Cabot & Serrano, 1988:189); Cabot, between Oruro and Lago Uru Uru [1805/6706 (USBGN)], at 3,700 m, puna, humid salt plain, 18 Aug. 1984 (Cabot, 1991:203); Fjeldså, et al., at camp mid-way between Oruro and Potosí [1935/6545 (USBGN)], ca. 4,200 m, little vegetation, 22-23 April, and on road between Oruro and city of La Paz [1630/6809 (USBGN)], various places, 11, 23 April 1987 (Fjeldså, 1987:39).

OTUYO; Potosí 1929/6515 (USBGN)
ca. 2,000 m, central eastern Potosí, on Chuquisaca border, 48 km S of Sucre [1902/6517 (USBGN)] (MHA); Vuilleumier, between Millares [1925/6512 (USBGN)] and Otuyo, 13 Dec. 1967 (Vuilleumier, 1969:605).

OYANE (Chubb, 1919:5); see Yani.

PACAJES; La Paz 1740/6840 (USBGN)
ca. 3,850 m (MHA); southwestern La Paz, ca. 130 km SW of city of La Paz [1630/6809 (USBGN)]; does not appear on our maps; F. Steinbach, 4-11, 15-18, 20, 22-24, 26, 28, 30 Sept., 3-5, 7, 9, 11-13, 15, 17-18, 20, 22, 24, 27, 29-30 Oct., 2, 4, 6-9, 15, 17-19, 24 Nov. 1941 (Esteban, 1951, Acta Zool. Lilloana, **12**:383, as "La Paz, Pacajes"; pp. 410, 412, 437, as "Pacajes, Esperanza"; p. 427, as "La Paz, Pacajes, Pérez", p. 427, as "Esperanza"; FMNH, as "Pacayes, Esperanza, La Paz", "La Paz, Pacajes, Esperanza", "La Paz, Pacajes, Pérez," "La Paz, Pacayes, Pérez," "Pacajes, Camacho," "Pacajes, Esperanza, 50 km from Mt. Sajama", and "Pacajes, Camacho, near Mt. Sajama"; Olrog & Navas, 1961, Neotrópica, 7:57); there is an Esperanza at 1749/6847 (USBGN), not far from Pacajes, which seems to indicate Pacajes has been correctly identified; the somewhat

more distant Curahuara de Pacajes [1740/6802 (USBGN)] would not appear to be the correct site; "Camacho" is certainly the nearby railroad station General Camacho [1721/6849 (USBGN)] and "Pérez" seems to be Estación General Pérez [1730/6910 (USBGN)], also not too far from Pacajes; "Mt. Sajama" must be Nevado Sajama [1806/6854 (USBGN)] in Oruro; also see Esperanza, La Paz.

PACAYES ESPERANZA (FMNH); see Pacajes.

PACHURAS PAZÑA (Menegaux, 1909: 213); see Pazña.

PACIO (Laubmann, 1930:188); see Paquio.

PACU; Santa Cruz Not located
Between Santa Cruz [1748/6310 (USBGN)] and the Río Grande [1551/6439 (USBGN)], probably in the region known as Monte Grande [not located], d'Orbigny, June 1831 (d'Orbigny, 1839-1843, pp. 582-588; 1846, p. 162).

PADCAYA; Chuquisaca (Schmitt & Schmitt, 1987:132); see Padcoyo.

PADCAYA; Tarija 2152/6448 (USBGN)
ca. 2,000 m, central southern Tarija, 36 km S of city of Tarija [2131/6445 (USBGN)] (MHA); Nores and Yzurieta, at 2,120 m, late Oct. 1982 (Nores & Yzurieta, 1984:328).

PADCOYO; Chuquisaca ca. 2015/6515 (MAPA-II)
3,400 m (Nores & Yzurieta, 1984:329); on PanAmerican Highway, ca. 40 km N of Camargo [2039/6513 (USBGN)] and ca. 30 km S of San Lucas [2006/6507 (USBGN)], southwestern Chuquisaca (MAPA-II); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329); Schmitt, 38 km by road S of Padcoyo, at 3,275 m, 13-14 Nov. 1984 (Remsen, et al., 1987:12; Schmitt & Schmitt, 1987:131, p. 132 as "Padcaya" and altitude as 375 m); not to be confused with Padcaya [2152/6448 (USBGN)], Tarija.

PADILLA; Chuquisaca 1919/6420 (USBGN)
2,105 m, in central northern part of department (MHA); d'Orbigny, 6 Dec. 1832 (d'Orbigny, 1846, p. 271; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 142); Carriker, 31 Dec. 1937 - 8 (Bond & de Schauensee, 1942b:315), 12 Jan. (Carriker, 1950, Rev. Brasil. Biol., **10**:15), and 25 km E, at 8,200 ft [2,500 m], 9 Jan. 1938 (Bond & de Schauensee, 1940:1); Crossin, 24

km SE, at 7,800 ft [2,400 m], 15 Nov., 34 km SE, at 7,800 ft [2,400 m], 14-16, 25 Nov., 60 km SE, at 4,200 ft [1,300 m], 21-22 Nov. 1972, 70 km SE, at 3,600 ft [1,100 m], 17-23 Nov., 70 km SE [= ? near Monteagudo, 1949/6359 (USBGN)] at 3,600 ft [1,100 m], in forest along Río Azuero [1912/6357 (USBGN)], 17-22, 28 Nov. 1972, and 60 km E, at 4,200 ft [1,300 m], 22 Nov. 1973 [=1972?] (FMNH; Remsen, et al. 1987:9, 13).

PALACIOS, RÍO; Santa Cruz ca. 1632/6335 (MHA)
Small stream rising near Portachuelo [1721/6324 (USBGN)] and Buena Vista [1727/6340 (USBGN)] in central western Santa Cruz, flowing N to Río Piray [1632/6345 (USBGN)] (MHA; course of upper portion of this stream is uncertain); Steinbach, 26 June 1911 (Remsen, et al., 1986:31), Dec. 1917, Jan. 1920 (CM); J. Steinbach, at 500 m, 4 Dec. 1924 (FMNH).

PALCA; Cochabamba (d'Orbigny, 1846:150); see Independencia.

PALCA; La Paz 1634/6759 (USBGN)
ca. 15,000 ft [4,600 m] (ONC); 26 km ESE of La Paz [1630/6809 (USBGN)], in center of department (MHA); d'Orbigny, 19-20 July 1830 (d'Orbigny, 1839-1843, p. 425); Simons, 9 Nov. 1900 (Chubb, 1919:5); mesothermic, scattered low trees and bushes, Cabot, at 3,200 m and 3,900 m, 20 Jan. 1982, 2 Mar., 21, 24 July 1984 (Cabot, 1986:183; 1991:202, 205).

PALCA GRANDE (Sclater & Salvin, 1879:628); see Independencia.

PALMAR; Cochabamba 1706/6529 (USBGN)
2,600 ft [800 m] (Bond & de Schauensee, 1940:4); in Yungas [1620/6645 (USBGN)] region, NE of the city of Cochabamba [1724/6609 (USBGN)] (MHA, where shown too far E); F. Steinbach, 30 Nov. 1927, 22 Dec. 1936, 23 Nov., 28 Dec. 1937, 10-11, 15, 17-18, 20, 24, 28 Feb., 3, 5, 10, 15, 18, 20, 30 Mar., 10 April, 5, 8, 10, 12, 15, 25, 28, 30 May, 10, 12-13, 15, 19-20, 22, 25, 28 June, 20, 26, 30 Sept., 15, 20, 25-27, 30 Oct., 2 Nov. 1940, 15, 25 June, 10 July 1941, 14-15 Mar. 1942, 20 Nov. 1948, 28 Jan. 1949, 28 Feb., 18 April 1951 (FMNH, as "El Palmar" and "Yungas del Palmar"; Remsen, et al., 1986:27, as "El Palmar"); humid, very dense forest, much undergrowth, moss and epiphytes, Carriker, 1-28 July 1937 (Bond & de Schauensee, 1940:4; 1942a:3; 1942b:315); collector?, 20 Nov. 1948 (Remsen & Ridgely, 1980:69, as "El Palmar"); Peña and Barría, 8-21 Sept. 1956 (Peña, 1962:167, as "El Palmar"); Alto

Palmar [not located], Cochabamba, and Bajo Palmar [not located], both of which see, appear to be merely sites above and below this Palmar.

PALMAR, LAGUNA; Chuquisaca 2101/6319 (Schmitt & Cole, 1981) 555 m, 2 km S, 10 km E [=ESE?] of Tiguipa [Tigüipa, 2055/6326 (USBGN)], Schmitt and Cole, 13-24, 28 May 1979 (Schmitt & Cole, 1981; Remsen, et al., 1985:126); Remsen, et al. (1990: 369) place this in Tarija, but if the distances given are correct it must be in Chuquisaca, although very close to the border.

PALMAR, YUNGAS DEL (FMNH); see Palmar.

PALMARITO; Santa Cruz 1649/6237 (USBGN) ca. 200 m, in central Santa Cruz, on upper Río San Miguel [1352/63565 (USBGN)], roughly between Santa Rosa de la Mina [1638/6240 (USBGN)] and Santa Rosa del Palmar [1654/6224 (USBGN)] (MHA); on Río San Julían [1615/6300 (USBGN)] (MAPA); J. and F. Steinbach, 20-31 May, 5-6, 8-10, 18-19, 30 June 1918 (CM, Todd, 1924, Proc. Biol. Soc. Washington, **37**:122; 1928, Ann. Carnegie Mus., **18**:361; 1947, op. cit., **30**:333; 1931, Proc. Biol. Soc. Washington, **44**:54; 1932, op. cit., **45**:217; FMNH; Remsen & Traylor, 1983:97; Remsen, et al., 1987:15).

PALO MARCADO; Tarija 2127/6307 (USBGN) 1,400 ft [400 m] (ONC); at edge of mountains on upper Río Pilcomayo [1521/5742 (USBGN)], 45 km SE of Villa Montes [2115/6330 (USBGN)] (MHA, as "El Palo Marcado"); Eisentraut, ca. July 1930-Jan. 1931 (Eisentraut, 1935).

PALOMETA, RÍO; Santa Cruz 1642/6331 (USBGN) A left-bank tributary to lower Río Piray [1632/6345 (USBGN)] in western central part of department (MHA; ONC); Steinbach, 9 July 1910, 5 Jan., 4 June, 1-2, 16 Dec. 1917, Aug. 1922 (CM, as "Río Palometas"; Remsen, et al., 1987:12, 15, as "Río Palometas"); identification fairly certain.

PALOMETAS; Santa Cruz ca. 1700/6330 (MAPA-II) ca. 400 m, central western Santa Cruz, 90 km N of Buena Vista [1727/6340 (USBGN)] (MAPA-II; MHA); Dott, 1969-1975 (Dott, 1986:135).

PALOMETAS, RÍO (Remsen, 1987:12); see Palometa, Río.

PALOMETILLAS, RÍO; Santa Cruz 1636/6418 (USBGN)
In central Santa Cruz, possibly a tributary of Río Yapacani [1600/6425 (USBGN)]; not found on our maps; J. Steinbach, 5, 7 June 1917 (CM), 15 Nov. 1922 (FMNH); Steinbach has mapped (CM) his collecting site as being ca. 25 km SE of Buena Vista [1727/6340 (USBGN)], which suggests he was near its source.

PALOS BLANCOS; La Paz Not located
Alt.?; collector?, between Palos Blancos and Sapecho [not located], on upper Río Beni [1023/6524 (USBGN)], 27 Sept., 5 Nov. 1984 (Cabot & Serrano, 1988:188, 189).

PALOS BLANCOS; Tarija 2122/6351 (USBGN)
ca. 400 m, on eastern slope of Tarija, 98 km NE of city of Tarija [2131/6445 (USBGN)] and 33 km WSW of Villa Montes [2115/6330 (USBGN)] (MHA); Davis, 10 km N at 600 m, 10 Sept. 1987 (FMNH).

PALTA (Sclater & Salvin, 1879:619); see Independencia.

PAMPA AULLAGAS; Oruro 1911/6705 (USBGN)
3,700 m, Simons, 17, 19 Oct. 1901 (Chubb, 1919:6, 257, p. 11, as "Lake Pampa Aullagas", p. 289, as "Aullagas"); swampy area at southwestern end of Lago de Poopó [1845/6707 (USBGN)] (MHA); Hurlbert, on nearby Lago de Poopó, 6 Dec. 1977 (Hurlbert, 1978:14, as "Pampas Aullagas").

PAMPA AULLAGAS, LAKE (Chubb, 1919:11); see Pampa Aullagas.

PAMPA DE ARREIROS; Arequipa, Peru
Erroneously attributed to Bolivia by Allen & Garman (1876:355).

PAMPA DE LA ISLA; Santa Cruz ca. 1748/6305
Alt.?; ca. 10 km E of Santa Cruz [1748/6310 (USBGN)], Steinbach, 16-17 May 1918 (Remsen, et al., 1986:25, 29; MCZ, as "Tampa de la Isla"); not indicated on any of the maps available to us.

PAMPA GRANDE; Santa Cruz 1805/6409 (USBGN)
1,240 m, on slopes of central western Santa Cruz, 31 km WNW of Samaipata [1809/6352 (USBGN)] (MHA); d'Orbigny, 4 Nov. 1830 (d'Orbigny, 1839-1843, p. 508; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 140); Steinbach, 23 May 1920

(CM); Ridgely, nearby, 9, 29 April 1977 (Remsen & Ridgely, 1980:69).

PAMPA OLLIAGA; Oruro Not located
Collector?, date? (Hellmayr, 1938, Field Mus. Nat. Hist. Publ., **13**, pt. 11, p. 350); almost certainly this is an error for Pampa Aullagas [1911/6705 (USBGN)].

PAMPAS AULLAGAS (Hurlbert, 1978:14); see Pampa Aullagas.

PAMPAS DE TAPERAS (Todd, 1942:315); see Taperas.

PANCOCOCHA, LAGUNA (MHA); see Parco Cocha.

PANDO, DEPARTAMENTO DE 1120/6740 (USBGN)
Northwesternmost department of Bolivia, bounded on N and E by Brazil, on W by Peru and on S by La Paz and El Beni; Río Madre de Dios [1058/6609 (USBGN)] forms part of southern borders; formerly Territorio de Colonias.

PANDURO; La Paz 1730/6728 (USBGN)
ca. 4,000 m, in southeastern part of department, 37 km SE of Sicasica [1722/6745 (USBGN)] (MHA); Stübel, at 4,200 m, Oct.-Nov. 1876 (Menegaux, 1909:225, as "Tambo Panduro").

PANYA ARENAL (Menegaux, 1909:216); see Pulacayo.

PAQUIO; Santa Cruz 1826/5929 (USBGN)
ca. 200 m, in llanos of eastern Santa Cruz, 190 km. NW of Puerto Suarez [1857/5751 (USBGN)], on southern side of Serranía de Santiago [1825/5925 (USBGN)] (MHA, as "Puquio"); Krieg, 23 Oct. 1926 (Laubmann, 1930:189, as "Chiquitos, Pacio"); identification of locality fairly certain as Krieg is known to have been in this region at this time.

PARAPETI, RÍO; Chuquisaca/Santa Cruz 1858/6221 (USBGN)
Rises on eastern slopes of Cordillera Central [1830/6455 (USBGN)] in Sierra Curi [2026/6415 (USBGN)] of central Chuquisaca and flows northeast in central southern Santa Cruz into the swamps of Bañados de Izozog [1848/6210 (USBGN)] (MHA); Steinbach, date? (Todd, 1922, Proc. Biol. Soc. Washington, **35**:191; CM, as "Río Parapiti").

PARAPITI, RÍO (CM); see Parapeti, Río.

PARATANI (Chubb, 1919:5); see Parotani.

PARCO COCHA; Cochabamba 1731/6539 (USBGN)
3,409 m, 10^2 km lake (Fjeldså, 1987:36, as "Laguna Parco Khocha"); 20 km E of Punata [1733/6550 (USBGN)], near Vacas [1732/6535 (USBGN)], central Cochabamba (MHA, as "Laguna Pancococha"); Fjeldså, 16 April 1987 (Fjeldså, 1987:36).

PARCO KHOCHA, LAGUNA (Fjeldså, 1987:36); see Parco Cocha.

PAROTANI; Cochabamba 1734/6621 (USBGN)
2,450 m, 25 km WSW of city of Cochabamba [1724/6609 (USBGN)] (MHA); Simons, at 2,300 and 2,800 m, 1-6, 9 April 1901 (Chubb, 1919:5, 29, 290, as "Paratani"); Cherrie, 8-13 Feb. 1915 (FMNH); collector?, at 8,800 ft [2,700 m], date? (Chapman, 1919a:254; 1924c:15); Orians, et al., 18-23 April 1974 (Orians, Erckmann, & Schultz, 1977); Cabot, Jan. 1986 (Cabot, 1991:205).

PASANA; La Paz Not located
ca. 3,000 m, also called Chuchurapini, near Omeja [not located] in the Yungas [1620/6645 (USBGN)] region of La Paz, O. & G. Garlepp, ca. late Oct. 1894 (Niethammer, 1953a:203).

PASCANA DEL PAQUIOCITO; El Beni; ca. 1405/6710 (Gyldenstolpe, 1945:map)
ca. 195 m, central western El Beni, ca. 20 km ESE of Reyes [1419/6723 (USBGN)], Olalla, 8 Feb. 1938 (Gyldenstolpe, 1945:18, as "El Paquiocito", p. 139, map).

PASTOS GRANDES, LAGUNA; Potosí 2143/6746 (USBGN)
4,432 m (Hurlbert, 1981:6); large, long lake surrounded by salt flats in southern Potosí, ca. 30 km from the Chilean border (MHA); Hurlbert, 21 Feb. 1979 (Hurlbert, 1981:6); Hurlbert (loc. cit.) places the lake within "Salar de Pastos Grandes", but our maps do not give this name, and he gives the coordinates of the lake as 2139/6748.

PASTOS GRANDES, SALAR DE (Hurlbert, 1981:6); see Pastos Grandes, Laguna.

PATACAMAYA; La Paz 1714/6755 (USBGN)
3,810 m, south-central La Paz, 88 km SSE of city of La Paz (MHA); puna, stony, scrub, Cabot, 23 June 1984 (Cabot, 1991:202).

PATATI; Cochabamba ca. 1720/6605 (Gyldenstolpe, 1945:map)
3,200 m, a suburb of Cochabamba [1724/6609 (USBGN)], near[?] Cerro Tunari [1718/6622 (USBGN)], bleak, stony, dry, eucalyptus forest, Olalla, 25-28 May 1938 (Gyldenstolpe, 1945:map; Fjeldså & Krabbe, 1989:322, as "Finca Patati").

PAUCERNA, RÍO (Bates, et al, 1989:236); see Paucerne, Río.

PAUCERNE, RÍO; Santa Cruz 1334/6114 (USBGN)
Small, left-bank affluent of upper Río Iténez [or Rio Guaporé, 1154/6501 (USBGN)] in extreme northeastern part of department (MHA, shown but unnamed; MAPA-II); Bates, et al., 4 km upstream from mouth, on west bank at 1343/6111 [coordinates do not conform to description of site], 450 m, low forest, bamboo along river, sometime between 30 June and 12 Aug. 1988, with known dates of 19, 28-31 July, 2-3, 6, 12 Aug. (Bates, et al., 1989:236-239, as "Río Paucerna").

PAZÑA; Oruro 1836/6655 (USBGN)
3,703 m, 70 km SSE of city of Oruro [1759/6709 (USBGN)], on eastern side of Lago de Poopó [1845/6707 (USBGN)] (MHA); Créqui-Montfort, at "Chepepe Pazña" and "Pachuras Pazña", 5 June , at "Pampas de Pazña", 12 June, at "Pazña Bastide", 17 June 1903 (Menegaux, 1909:211, 213, 219); see, also, Urmiri.

PAZÑA, CHEMIN DE (Menegaux, 1909: 214); see Urmiri.

PAZÑA, PAMPAS DE (Menegaux, 1909:211); see Pazña.

PAZÑA, RÍO; Oruro 1840/6701 (USBGN)
Rises in mountains to the E of Pazña [1836/6655 (USBGN)] and discharges into center of E side of Lago de Poopó [1845/6707 (USBGN)], eastern Oruro (MHA); Créqui-Montfort, 4 June 1903 (Menegaux, 1909:225).

PAZÑA BASTIDE (Menegaux, 1909: 219); see Pazña.

PELADA, LAGUNA; Potosí 2245/6710 (Hurlbert, 1978:14)
ca. 4,600 m, lake of about 2.2 km^2 in extreme southern Potosí almost on the Chilean border, Hurlbert, 2 Dec. 1977 (Hurlbert, 1978:14).

PELADO, CERRO; Tucumán, Argentina
Erroneously attributed to Bolivia by Menegaux (1909:221).

PEÑAS; La Paz 1615/6830 (USBGN)
4,370 m, about midway between city of La Paz [1630/6809 (USBGN)] and shore of Lago Titicaca [1548/6924 (USBGN)] (MHA); puna, rocky, Cabot, 8 April 1984 (Cabot, 1991:205).

PENITAS BLANCAS, LAGUNA; Potosí 2225/6715 (Hurlbert. 1978:14)
ca. 4,530 m (Hurlbert, 1978:14); central southern Potosí; not indicated on our maps; very small lake, Hurlbert, 29 Nov. 1977 (Hurlbert, 1978:14).

PERAS PAMPA; Potosí Not located
8,700 ft [2,650 m] (Chapman, 1926b:4, as "Río Cachimayo"); an estate on Río Cachimayo [1918/6612 (USBGN)], a left-bank tributary of uppermost Río Pilcomayo [2521/5742 (USBGN)], between Sucre [1902/6615 (USBGN)] and Potosí [1935/6545 (USBGN)], Miller, Dec. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 361); also see Sucre.

PERERETA; Cochabamba 1806/6448 (USBGN)
1,500 m (Lanning, 1991b:369); on upper Río Mizque [1839/6420 (USBGN)], 4 km E of Omereque [1806/6453 (USBGN)], southern Cochabamba (MHA); Behn, April 1847 (Lanning, 1991b:369).

PÉREZ (FMNH); see Pacajes.

PERFORACIÓN; Santa Cruz 1930/6230? (Cabot & Serrano, 1988:192)
Alt.?; in Provincia Cordillera [1900/6130 (USBGN)], in southwestern corner of department, collector?, 29 Sept. 1986 (Cabot & Serrano, 1988:192; Remsen, et al., 1990:369, as "Estancia Perforación"); collector?, 3 km S, 23 Sept. year? (Cabot, et al., 1988:236); Cabot, et al. (loc. cit.) give the coordinates as 1955/6233; not found on our maps.

PERSEVERANCIA; Santa Cruz 1444/6248 (USBGN)
ca. 500 m, in central northern Santa Cruz, on Río Negro [1411/6307 (USBGN)] 180 km NNW of Concepción [1615/6204 (USBGN)]

(ONC; MAPA-II); Parker and Rocha, 17 Aug. 1990 (Parker, et al., 1991:121, 123).

PESCADO (Miller, 1918:345); see Villa Serrano.

PHILPINA; Cochabamba 1758/6533 (USBGN)
ca. 2,400 m, southwestern Cochabamba, 6 km E of Vila Vila [1758/6535 (USBGN)] and 55 km SE of Punata [1735/6550 (USBGN)] (MHA); dry, similar to Vila Vila, Olalla, between 2,490-3,300 m, 13-18, 20 Jan. 1939 (Fjeldså & Krabbe, 1989:322; Lanning, 1991b:369).

PIEDRA BLANCA; Santa Cruz? Not located
Alt.?; apparently not too far from Chapada dos Guimarães [1526/5545 (USBGN)], Mato Grosso, Brazil, Smith, et al., 20-23 April 1889 (J. A. Allen, 1891, Bull. Amer. Mus. Nat. Hist., **3**:342, 378, 379; 1893, op. cit., **5**:115).

PIEDRAS BLANCAS; Santa Cruz ca. 1809/6352
5,000 ft [1,500 m], in a valley a short distance from Samaipata [1809/6352 (USBGN)], grass on S slope and heavy, humid forest on N slope, Carriker, Nov. 1937, "birds from this locality are included with the ones from Samaipata" (Bond and de Schauensee, 1942b:315); see, also, Samaipata.

PILCOMAYA (Lönnberg, 1903: 469); see Pilcomayo.

PILCOMAYO; Tarija 2104/6403 (USBGN)
ca. 700 m, town at head of Río Pilcomayo [2521/6403 (USBGN)], almost in center of Tarija/Chuquisaca border (MHA); von Hofsten, April 1902 (Lönnberg, 1903:469); it is possible that von Hofsten was farther down the river and not at the town.

PILCOMAYO, RÍO; Potosí/Chiquisaca/Tarija 2521/5742 (USBGN)
Rises near Tiquipaya [1721/6614 (USBGN)] in north-central Potosí and flows SE through Chuquisaca and Tarija, eventually forming the Paraguay/Argentina border; Miller, at Peras Pampa [not located] near confluence of Río Cachimayo [1918/6612 (USBGN)] with uppermost Río Pilcomayo, Dec. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 361); Lanning, on upper portion and on unnamed tributary, between Icla [1919/6447 (USBGN)] and Uyuni [1925/6455 (USBGN)], at 2,100-2,400 m, 15-17 January 1982, and along river

in northern Tarija, 240 km SE of Uyuni, 9 Feb. 1982 (Lanning, 1991a:360; 1991b:368).

PILLON (Sclater & Salvin, 1879:601); see Pilone, Cerro.

PILÓN, CADENA; El Beni 1530/6707 (USBGN)
Alt.?; apparently a range of hills, outliers of the Andes, running NW/SE to the SW of San Borja [1449/6651 (USBGN)], on the El Beni/La Paz border, but not named on any of our maps; Parker, et al. (1991:121) give the coordinates for Serranía Pilón, rendered as Cadena Pilón by USBGN, as 1450/6720, but this may be the place within the hills where they worked rather than the center of the range; Parker, et al., ca. 40 km W of San Borja, ca. 650-1,100 m, 13-16 June 1990 (Parker, et al., 1991:121, 122, 127 as "Serranía Pilón"); also see San Borja.

PILON, CERRO (MHA); see Pilone, Cerro.

PILÓN, SERRANÍA (Parker, et al., 1991:121); see Pilón, Cadena.

PILONE, CERRO; La Paz 1531/6803 (USBGN)
1,317 m, 28 km SW of Mapiri [1515/6810 (USBGN)], central La Paz (MHA, as "Cerro Pilon"); Buckley, 1875 (Sclater & Salvin, 1879:601, as "Pillon").

PILPINA; Cochabamba 1758/6533 (USBGN)
ca. 2,200 m; southwestern Cochabamba, in headwaters of Río Mizque [1839/6420 (USBGN)], 22 km WSW of town of Mizque [1756/6519 (USBGN)] (MHA); Olalla, date? (Gyldenstolpe, 1941:3; 1945:map); collector?, at 2,490-2,700 m, date? (Remsen, et al., 1990:373).

PINOS; Tarija 2136/6454 (USBGN)
6,500 ft [2,000 m] (FMNH); 1,500 m, "30 leagues E of Tarija [2131/6445 (USBGN)]" on road between Tarija and Yacuiba [2202/6345 (USBGN)], southern central Tarija, Budin, 25 Jan. 1925 (Budin, 1928:188, as "Valle de los Pinos"); the coordinates place this about 20 km SW of Tarija, but the described road runs in a southeasterly direction; not shown on maps available to us.

PIRAY, RÍO; Santa Cruz 1632/6345 (USBGN)
Tributary of Río Grande [1551/6439 (USBGN)], rising on slopes of western Santa Cruz near Samaipata [1809/6352 (USBGN)] and

flowing past city of Santa Cruz [1748/6310 (USBGN)] (MHA); d'Orbigny, in vicinity, including on river, Nov. 1830-Sept. 1831 (d'Orbigny, 1839-1843, p. 523, et seq.; 1846, pp. 160, 218); Steinbach, 24 Jan. 1920 (CM).

PIRQUE; Cochabamba 1734/6624 (USBGN)?
Alt.?; SW of city of Cochabamba [1724/6609 (USBGN)]; does not appear on our maps; there is a similarly named site nearby at 1738/6634 (USBGN), which could be the desired locality; Fjeldså, et al., nearby on arid landslide slopes, at 3,200 m, 14 April 1987 (Fjeldså, 1987:35).

PITIAGUAYA (Remsen, 1984:166); see La Florida.

PITIGUAYA (Tate, 1926); see La Florida.

PLAYA VERDE; Oruro Not located
13,000 ft [3,950 m], one hour from Oruro [1759/6709 (USBGN)], at "Tombs", Walsh, 31 Oct., 30 Nov., 14, 27 Dec. 1957, 4 Jan. 1958 (FMNH).

PLAZUELA (Niethammer, 1956:103); see La Plazuela.

POCONA; Cochabamba 1739/6524 (USBGN)
ca. 2,500 m, central southern Cochabamba, 25 km W of Totora [1742/6509 (USBGN)] (MHA); d'Orbigny, late Oct. 1830 (d'Orbigny, 1839-1843, p. 490; 1846, p. 154); F. Steinbach, 20, 22, 24-26, 28, 30 Nov., 1, 4, 8, 10, 12, 15, 17, 20, 30-31 Dec. 1926, 1-3, 6, 24-25, 28 Jan., 16, 18, 20, 22-28 Feb. 1927 (FMNH, also as "Pocora"); Remsen, et al. (1986:23), erroneously give dates as 1936-1937; Bond & de Schauensee, 1943:191, as "Posona"; also see Incayajta.

POCORA (FMNH); see Pocona.

POJA (FMNH); see Pojo.

POJO; Cochabamba 1745/6449 (USBGN)
9,000 ft [2,750 m] (ONC); city in south-central part of department, ca. 150 km ESE of Cochabamba [1724/6609 (USBGN)] and 25 km ENE of Totora [1742/6509 (USBGN)] (MHA); d'Orbigny, late Oct. 1830 (d'Orbigny, 1839-1843, pp. 495-500; 1846, p. 156); F. Steinbach, 30 Oct., 2-5, 8 Nov. 1926 (FMNH, also as "Pojos" and

"Poja"); Nores and Yzurieta, at 2,239 m, late Oct. 1982 (Nores & Yzurieta, 1984:329); Niethammer, in karst (=Yungas [1620/6645 (USBGN)]) region at 2,000 m, 1-15 Aug. 1951 and also 30 km W, date? (Niethammer, 1953a:198, 211-212, 221, 129).

POJOS (FMNH); see Pojo.

POLACAYO Not located
Collector?, date? (Esteban, 1951, Acta Zool. Lilloana, **12**:384); probably a misspelling.

POLQUES, LAGUNA (Hurlbert, 1978:9); see Challviri, Salar de.

PONGO; La Paz 1620/6756 (USBGN)
12,000 ft [3,650 m] (Bond & de Schauensee, 1942b:312, as "El Pongo"); ca. 30 km NE of city of La Paz [1630/6809 (USBGN)]; not shown on our maps; Tate, Feb.-Mar. 1926 (Tate, 1926); cold and rainy, Carriker, 1-3 Jan. 1935 (Bond & de Schauensee, 1942b:312, as "El Pongo"); Künzel, date? (Niethammer, 1953a:95, 130); collector?, 10 Dec. 1981 (Cabot & Serrano, 1988:188); Vuilleumier, nearby at 3,765 m, 28 Oct. 1967 and above Pongo at 3,800 m, 9 Jan. 1968 (Vuilleumier, 1969:602).

POOPÓ; Oruro 1823/6659 (USBGN)
3,709 m, on northeastern corner of Lago de Poopó [1845/6707 (USBGN)], 15 km E of mouth of Río Desaguadero [1824/6705 (USBGN)] (MHA); d'Orbigny, ca. 1 April 1833 (d'Orbigny, 1846, pp. 307-312; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 142); collector?, date? (Todd, 1926, Ann. Carnegie Mus., **17**:76); Olalla, date? (Gyldenstolpe, 1945:map); see, also, Desaguadero, Río.

POOPÓ, LAGO DE; Oruro 1845/6707 (USBGN)
3,690 m, very large, shallow lake in central eastern Oruro, mainly fed by Río Desaguadero [1824/6705 (USBGN)] (MHA); Créqui-Montfort, 3, 8, 11 June 1903 (Menegaux, 1909:219, 221, 223); Allen, Jan.-Feb. 1919 (Allen, 1921); Hurlbert, on E side near Huancané [1843/6652 (USBGN)], 8 July 1976 and on southwestern side near Pampa Aullagas [1911/6705 (USBGN)], 6 Dec. 1977 (Hurlbert, 1978:10, 14); Lanyon, on E side, 16 Nov. 1987 (FMNH); Fjeldså, et al., various places, briefly, on E side of lake, 23 April 1987 (Fjeldså, 1987:39).

PORTACHUELO; Santa Cruz 1721/6340 (USBGN)
935 ft [300 m] (ONC); central Santa Cruz, 53 km NNW of Santa Cruz [1748/6310 (USBGN)] (MHA); Steinbach, Aug. 1922 (CM); Dott, 18, 21 Mar. 1975 (Dott, 1984:106; 1986:134).

PORVENIR; Pando 1115/6841 (USBGN)
ca. 300 m, northwestern Pando, 24 km SSE of Cobija [1102/6844 (USBGN)] (MHA); Parker, Remsen, et al., in vicinity, 10-11, 24-25 June, 15, 18 July, and on Porvenir/Filadelfia [1120/6844 (USBGN)] road, 11-25 June, 1986 (Parker & Remsen, 1987).

POSONA (Bond & de Schauensee, 1943:191); see Pocona.

POTOSÍ; Potosí 1935/6545 (USBGN)
4,020 m, capital, in northeastern corner of department (MHA); d'Orbigny, 15-28 Mar. 1833 (d'Orbigny, 1846, p. 290-299; Sclater & Salvin, 1879:606; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 142); Castelnau, 1845 (Menegaux, 1909:220); Bridges, nearby, ca. 1845-1847 (Sclater & Salvin, 1879:590; 642); Behn, 1847, with known specific date of 19 Mar. (Hellmayr, 1932, Field Mus. Nat. Hist., Zool. Ser., **29**:9, 69); Simons, 27, 30 Sept. 1901 (Chubb, 1919:6, 55); Carriker, 19-27 Jan. 1938, including visits to nearby Cerros de Kari Kari [1939/6540 (USBGN)] (Bond & de Schauensee, 1942b:315); Dott, 1970, 1974 (Dott, 1986:134); Fjeldså, et al., at camp mid-way between Oruro [1759/6709 (USBGN)] and Potosí, ca. 4,200 m, little vegetation, 22-23 April 1987 (Fjeldså, 1987:39).

POTOSÍ, DEPARTAMENTO DE 2040/6700 (USBGN)
Southwestern Bolivia, bounded on W by Chile, on S by Argentina, on E by Chuquisaca and on N by Cochabamba and Oruro.

POTRERITO Not located
Collector?, date? (Hellmayr, 1927, Field Mus. Nat. Hist. Publ., **13**, pt. 5, p. 443); probably in Santa Cruz, eastern Bolivia.

POZO DEL TIGRE; Santa Cruz 1734/6202 (USBGN)
ca. 300 m, eastern Santa Cruz, 135 km W of Santa Cruz de Chiquitos [1751/6047 (USBGN)] (ONC, where shown ca. 4° farther E than USBGN coordinates); Krieg, 31 Aug. 1926 (Laubmann, 1930:80).

PROPIEDAD NUEVO MUNDO; Santa Cruz Not located
353 m, in Provincia Ichilo [1700/6400 (USBGN)], 7 km N and 17

km W of Buena Vista [1727/6340 (USBGN)], at Km 119 on road to Yapacani [=? Río Yapacani, 1600/6425 (USBGN)], Schmitt, 26 Dec. 1984 (Schmitt & Schmitt, 1987:131).

PROPIEDAD VADO HONDO; Santa Cruz Not located
1,527 m, 6 km S and 10 km E of Comarapa [1754/6429 (USBGN)], central western Santa Cruz, Schmitt, 8 Feb. 1979 (Remsen, et al., 1987:7).

PUCARÁ; Santa Cruz 1843/6406 (USBGN)
ca. 2,000 m, in southwestern corner of department, 26 km SSW of Valle Grande [1829/6406 (USBGN)] (MHA); d'Orbigny, 30 Nov.-2 Dec. 1832 (d'Orbigny, 1846, pp. 264-265; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 142).

PUCUYUNI (Niethammer, 1956:101); see Pucyuni.

PUCYUNI Not located
Garlepp, date? (Niethammer, 1956:99, p. 101, as "Pucuyuni"); there is a Pucyuni at 2014/6438 (USBGN) and another, now called Pujyuni, at 1920/6519 (USBGN).

PUENTE ARCE; Cochabamba ca. 1830/6510 (Lanning, 1991a:358)
1,495 m (Nores & Yzurieta, 1984:329); bridge over Río Grande [1551/6439 (USBGN)] in southwestern part of department, on Chuquisaca border, ca. 25 km S of Quiroga [1824/6510 (USBGN)] and ca. 55 km NNE of Sucre [1902/6517 (USBGN)] (MAPA-II); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329); Fjeldså, et al., along road between Quiroga and Puente Arce, at 1,780-2,200 m, *Prosopis*-covered hills, some cultivation and cactus, and between Puente Arce and Chuquichuqui [1849/6505 (USBGN)], alt.?, hilly, rock, *Prosopis* forest, 19 April 1987 (Fjeldså, 1987:37).

PUENTE SUCRE; Chuquisaca Not located
Alt.?; bridge over Río Pilcomayo [2521/5742 (USBGN)] on Chuquisaca/Potosí border, Fjeldså, et al., between Sucre [1902/6517 (USBGN)] and bridge, region of dry hills, scattered bushes, cultivation, and between bridge and Leche Puro [not located], ca. 3,000 m, also dry hills and scrub, 20 April 1987 (Fjeldså, 1987:38).

PUENTE VILLA; La Paz ca. 1625/6745 (MAPA-II)
1,650 m (Remsen, et al., 1986:27); ca. 100 km E of La Paz [1630/6809 (USBGN)] (MAPA-II); 24 km by road W of Chulumani

[1624/6731 (USBGN)], Heindel, 19 April 1980 (Remsen, et al., 1986:27).

PUERTO ABAPÓ; Santa Cruz 1853/6327 (USBGN)
ca. 500 m, on edge of foothills of southwestern Santa Cruz on upper Río Grande [1551/6439 (USBGN)] (MHA); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329).

PUERTO BALLIVIÁN; La Paz 1527/6749 (USBGN)
Alt.?; eastern central La Paz, on Río Kaka [1510/6744 (USBGN)], 12 km E of Guanay [1528/6752 (USBGN)] (MHA); collector? [Carriker?], date? (Bond & de Schauensee, 1942b:315); see, also, Teoponte.

PUERTO DE CONCEPCIÓN; El Beni 1338/6339 (USBGN)
ca. 200 m, on Río Blanco [ca.1307/6348 (ONC)], eastern El Beni, near Baures [1335/6335 (USBGN)] and San Ignacio [1337/6333 (USBGN)] (MHA); d'Orbigny, 11 Feb.-1 Mar. 1832 (d'Orbigny, 1846:89-95, as "La Purissima Concepcion de Baures","Concepcion de Moxos", and "Concepcion"; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, pp. 140-141, as "La Purísima Concepción de Baures").

PUERTO LINARES; La Paz ca. 1530/6730 (MAPA-II)
Alt.?; on uppermost Río Beni [1023/6524 (USBGN)], eastern La Paz, ca. 170 km NE of city of La Paz [1630/6809 (USBGN)] and ca. 40 km NNE of Caranavi [1546/6736 (USBGN)] (MAPA-II); Webster, 2 Aug. 1979 (Remsen, et al., 1985:129); Schulenberg, et al., ca. 20 km by river N of Puerto Linares, humid tropical, hilly, 600 m, 5 June-8 July 1981 (Remsen, et al., 1982:78; Schulenberg & Remsen, 1982:53; Schulenberg, 1983).

PUERTO PARDO; La Paz ca. 1230/6840 (MHA)
ca. 100 m, at mouth of Río Heath [1231/6839 (USBGN)], on Río Madre de Dios [1058/6609 (USBGN)] (MHA; ONC); Parker, et al., from Puerto Pardo up Río Heath for ca. 50 km, 10-19 Aug. 1988 (Parker, et al., 1991:121).

PUERTO PÉREZ; La Paz (1) Not located
3,840 m, in southwestern corner of department, arid puna, rocky, thola bushes, Cabot, 3 Nov. 1984 (Cabot, 1991:204, 205).

PUERTO PÉREZ; La Paz (2) 1616/6838 (USBGN)
ca. 3,900 m, in southwestern corner of Lago Titicaca [1548/6924 (USBGN)], ca. 50 km NW of city of La Paz [1630/6809 (USBGN)] (MHA); Niethammer, Nov. 1951 (Niethammer, 1956:125).

PUERTO SALINAS; El Beni 1420/6733 (USBGN)
196 m (Gyldenstolpe, 1945:14); on right bank of upper Río Beni [1023/6524 (USBGN)], 16 km N of Rurrenabaque [1428/6734 (USBGN)] and 25 km WSW of Reyes [1419/6723 (USBGN)] (MHA); cultivation, swamps and marshes, *campos naturales,* Olalla, nearby, 25 Nov.-17 Dec. 1937 (Zimmer, 1941, Amer. Mus. Novit., no. 1109, p. 24, as "Río Beni, Salinas"; Gyldenstolpe, 1945:14-15, map).

PUERTO SUAREZ; Santa Cruz 1857/5751 (USBGN)
ca. 100 m, extreme eastern Santa Cruz on Laguna Cáceres [1856/5748 (USBGN)], an oxbow of Río Paraguay [2718/5838 (USBGN)], across from Corumba [1901/5739 (USBGN)], Brazil (MHA); J. Steinbach, 24 Nov., 1 (Remsen, et al., 1987:8, 15), 3 (Remsen, et al., 1986:24), 7 (Todd, 1913, Proc. Biol. Soc. Washington, **26**:171), 10, 16 (Remsen, et al., 1987:8,13), 17 Dec. 1908 (Todd, 1947, Ann. Carnegie Mus., **30**:332), 7 (Hellmayr, 1921:197), 9 (MCZ), 19, 23, 26-27, 30 Jan. 1909 (Remsen, et al., 1986:24, 25; 1987:12); Krieg, en route to, via San Fermin [1848/5837 (USBGN)] and Santiago [1819/5934 (USBGN)], 14 Oct.-9 Nov. 1926 (Laubmann, 1930:4); collector?, 30 Aug. 1968 (Olrog, 1969, Neotrópica, **15**:83).

PUERTO SUCRE (USBGN); see Guayaramerin.

PUESTO MILITAR DE LAGUNA (Remsen, et al., 1985:129); see Lagunas.

PUESTO MILITAR DE LAGUNAS (Schmitt & Schmitt, 1987:130); see Lagunas.

PUJIO, LAGUNA; Potosí 2137/6814 (Hurlbert, 1978:13)
4,110 m, very small lake of ca. .08 km^2 (Hurlbert, 1978:13); in southwestern Potosí very close to Chilean border and W of village of Ramaditas [2137/6806 (USBGN]; not shown on maps available to us; Hurlbert, 12 Dec. 1976, 25 Nov. 1977, 20 Dec. 1978, 9 Feb. 1979, 12 July 1980 (Hurlbert, 1978:13, 14; 1981:6, 9).

PULACAYO; Potosí 2025/6641 (USBGN)
ca. 4,000 m, in center of department, 50 km E of Salar de Uyuni [2020/6742 (USBGN)] and 16 km ENE of Uyuni [2028/6650 (USBGN)] (MHA); Créqui-Montfort, at 4,200 m, date?, nearby, at 4,300 m and 5,400 m, 27 May, nearby, at 4,300 m, 29 May, at "Panya [=playa] arenal", near Pulacayo, at 4,000 m, 28 May 1903 (Menegaux, 1909:210, 213, 214, 216); Carriker, 12 Feb. 1938 (Bond & de Schauensee, 1942b:315).

PULQUÉ (Miller, 1918:351); see Pulqui Alto.

PULQUE VELASCO (MHA); see Pulqui Alto.

PULQUI (USBGN); see Pulqui Alto.

PULQUI ALTO; Chuquisaca 1914/6513 (USBGN)
2,963 m, 24 km SSE of Sucre [1902/6517 (USBGN)], in northwestern corner of department (MHA, as "Pulque Velasco"); Miller and Boyle, at 9,400 ft [2,850 m], 17 Nov. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 351, as "Pulqué"; Zimmer, 1941, Amer. Mus. Novit., no. 1109, p. 14, as "Pulque"; Todd, 1926, Ann. Carnegie Mus., **17**:65, as "Pulque, Sucre"; formerly "Pulqui" (USBGN).

PULQUINA; Santa Cruz 1806/6425 (USBGN)
1,690 m, in mountains of extreme eastern central Santa Cruz, 55 km NW of Valle Grande [1829/6406 (USBGN)] and 32 km SSE of Comarapa [1754/6429 (USBGN)] (MHA); d'Orbigny, Nov. 1830 (d'Orbigny, 1846, p. 157); Steinbach, 24 Mar. 1920, 15 May 1939 (Remsen, et al., 1986:30); F. Steinbach, 18, 20, 23, 25, 30 April, 10, 15-16 May, and nearby at 1,600 m, 10 May 1938 (FMNH); Ridgely, Mar., 22-28 April 1977 (Remsen & Ridgely, 1980:70).

PUNTAS NEGRAS, RíO; Potosí 2223/6704 (Hurlbert, 1978:14)
ca. 4,540 m, pond of 0.02 km^2 (Hurlbert, 1978:14); in spite of its name, appears to be a very small body of water in extreme southern Potosí near Cerro Punta Negras [2225/6707 (USBGN)]; not on our maps; Hurlbert, 1 Dec. 1977, 18 Feb. 1979 (Hurlbert, 1978:14; 1981:6; Hurlbert, et al., 1984:50).

PUQUIO (MHA); see Paquio.

PURI (Niethammer, 1953a:198); see Puri, Río.

PURI, RÍO; La Paz 1624/6728 (USBGN)
Small tributary of upper Río Tamampaya [1616/6713 (USBGN)] that rises S of Chulumani [1624/6731 (USBGN] (MHA); d'Orbigny, late Aug. 1830 (d'Orbigny, 1839-1843, pp. 442-445; 1846, p. 144); Niethammer, at 1,500 m, where?, 29 Oct.-1 Nov. 1951 (Niethammer, 1953a:198, as "Puri"); Niethammer refers to this locality as "Puri", but it cannot be the Puri at 1544/6800 (USBGN), as his map (p. 197), although not showing the site, indicates he was near Chulumani.

PURIPICA CHICO, LAGUNA (Hurlbert, 1978:9); see Challviri, Salar de.

PURIPICA GRANDE, LAGUNA; Potosí 2242/6731 (Hurlbert, 1981:7)
4,730 m, very small lake of 0.7 km^2 in extreme southwestern Potosí, Hurlbert, 30 Jan. 1979 (Hurlbert, 1981:6); shown within an area of extensive salt flats, but not named, on ONC.

PURITI, ISLA Not located
In Lago Titicaca [1548/6924 (USBGN)], Forbes, date? (Sclater & Salvin, 1879:635).

PURUBI; Santa Cruz 1806/6052 (USBGN)
440 m, western Santa Cruz, 30 km S of San José de Chiquitos [1751/6047 (USBGN)], Lanyon and Willard, 5-6 Nov. 1987 (FMNH); not on our maps.

PUTUYUMI (Paynter, et al., 1974); see Putuyuni.

PUTUYUNI; Cochabamba Not located
ca. 4,000 m, near city of Cochabamba [1724/6609 (USBGN)], Steinbach, 21 Mar. 1920 (CM, also as "Puna Putuyuni"; Hellmayr, 1925, Field Mus. Nat. Hist. Publ., **13**:140; Esteban, 1951, Acta Zool. Lilloana, **12**:391, p. 310); Paynter, et al., 1975, as "Putuyumi"; spelling uncertain.

PUTUYUNI, PUNA (CM); see Putuyuni.

QUECALA, L[AGO?] DE; Cochabamba ca. 1720/6600 (Gyldenstolpe, 1945:map)
Alt.?; NE of city of Cochabamba [1724/6609 (USBGN)], near Monte del Abra [ca. 1710/6545 (Gyldenstolpe, 1945:map)] and Colomi [1721/6552 (USBGN)], Olalla, ca. 14-18 April 1938 (Gyldenstolpe, 1945:map; Fjeldså & Krabbe, 1989:322); also see Colomi.

QUEPO; Chuquisaca Not located
Alt.?; collector?, date? (Bond & de Schauensee, 1942b:329); probably an error for Cuevo [2027/6332 (USBGN)].

QUETENA; Potosí 2210/6725 (USBGN)
4,170 m, in Provincia Sud Lípez [2200/6730 (USBGN)], southwestern Potosí (MHA, as "Quetena Chico"); collector?, 21 Nov. 1982 (Cabot & Serrano, 1988:190).

QUETENA CHICO (MHA); see Quetena.

QUIABAYA; La Paz 1527/6846 (USBGN)
ca. 2,500 m, on Río Llica [1521/6832 (USBGN)], ca. 30 km NE of Lago Titicaca [1548/6924 (USBGN)] and NW of Sorata [1547/6840 (USBGN)] (MHA, where shown too far S); Buckley, 1875 (Sclater & Salvin, 1879:628, as "Quilabaya"); Olalla, date?, collection? (Gyldenstolpe, 1945:map, as "Quibaya").

QUIBAYA (Gyldenstolpe, 1945:map); see Quiabaya.

QUILABAYA (Sclater & Salvin, 1879:628); see Quiabaya.

QUILLACOLLE (Papavero, 1971:140); see Quillacollo.

QUILLACOLLO; Cochabamba 1726/6617 (USBGN)
2,538 m, 12 km W of city of Cochabamba [1724/6609 (USBGN)] (MHA); d'Orbigny, ca. 23 Sept. 1830 (d'Orbigny, 1839-1843, p. 471; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 140, as "Quillacolle", map 11).

QUIQUIBEY (Niethammer, 1965:86); see Quiquibey, Río.

QUIQUIBEY, RÍO; La Paz 1431/6735 (USBGN)
Small, right-bank tributary of upper Río Beni [1023/6524 (USBGN)], with its mouth ca. 20 km upstream from Rurrenabaque [1428/6734 (USBGN)] (MHA, as "Río Quiquive"); Niethammer, ca.

45 km above mouth, at 250 m, 11-20 Sept. 1951 (Niethammer, 1953a:198; 1956:86, as "Quiquibey"); also see San Borja.

QUIQUIVE, RÍO (MHA); see Quiquibey, Río.

QUIRAMBAYA; La Paz ca. 1545/6830 (Gyldenstolpe, 1945:map) 3,100 m, on eastern side of Nevado Illampu [1550/6834 (USBGN)], E of Lago Titicaca [1548/6924 (USBGN)] and near Cotaña [1549/6837 (USBGN)] (Gyldenstolpe, 1945:map); 10 km NE of Sorata [1547/6840 (USBGN)], Olalla, 22-25 July 1938 (Fjeldså & Krabbe, 1989:322).

QUIROGA; Cochabamba 1824/6510 (USBGN) 1,783 m, in southwestern corner of department, 29 km S of Aiquile [1810/6510 (USBGN)] (MHA); Fjeldså, et al., along road between Quiroga and Puente Arce [ca. 1830/6510 (Lanning, 1991a:358)], at 1,780-2,200 m, *Prosopis*-covered hills, some cultivation and cactus, 19 April 1987 (Fjeldså, 1987:37).

QUISER, RÍO (Todd, 1922:203); see Quizer, Río.

QUISERA, RÍO (Todd, 1926:54); see Quizer, Río.

QUIZER, RÍO; Santa Cruz 1637/6246 (USBGN) One of the headwaters of Río Ibare [1437/6457 (USBGN)] rising SW of Concepción [1615/6204 (USBGN)], central Santa Cruz (MHA); collector? [Steinbach?], date? (Todd, 1922, Proc. Biol. Soc. Washington, **35**:203, as "Río Quiser"; 1926, Ann. Carnegie Mus., **17**:54, as "Río Quisera"); Steinbach, 9-17 June 1918 (Remsen, et al., 1986:30); Carriker, at 2,500 ft [750 m], date? (Bond & de Schauensee, 1942b:382, p. 378, as "Río Aniser"); Remsen and Schmitt, at river on San Ramón [1726/6103 (USBGN)]/Concepcíon [1615/6204 (USBGN)] road, 300 m, 10-15 June 1984 (Schmitt, et al., 1986:309, 310; Remsen, et al., 1987:8; 1990:364).

RAMADITAS, LAGUNA; Potosí 2138/6805 (Hurlbert, 1978:9)
4,117 m; very small, shallow lake of ca. 1.0 km^2 (Hurlbert, 1978:9); in southwestern Potosí, next to village of Ramaditas [2137/6806 (USBGN)] and very close to Chilean border (MHA, shown but unnamed); Hurlbert, 17 Dec. 1975, 18 July, 12 Dec. 1976, 25 Nov. 1977, 20 Dec. 1978, 9 Feb. 1979, 12 July 1980 (Hurlbert, 1978:9, 11, 13, 14; 1981:6, 9; Hurlbert & Keith, 1979:331; Hurlbert, et al., 1984:50).

RAMISANI (MAPA); see Lambramani.

RAMOSANI (Sclater & Salvin, 1876a:254); see Lambramani.

RANCHO HUAYCO; Tarija ca. 2120/6418
1,600 m, central Tarija, NE of city of Tarija [2131/6445 (USBGN)] and 6 km N of Narváez [2124/6418 (USBGN)], Davis, 5 Sept. 1987 (FMNH); site not shown on our maps and Narváez placed too far N and W on MHA.

RANCHO VALLECITO; Tarija Not located
Alt.?; in Provincia O'Conner [2135/6410 (USBGN)], central Tarija, near Río de Vallecito [2147/6434 (USBGN)], Davis, 5 km N at 1,300 m, on Río de Vallecito, 9 Sept. 1987 (FMNH).

RANCHO YOAY; Santa Cruz 2017/6306 (USBGN)
450 m (Hartert & Goodson, 1917:501); in extreme south-western Santa Cruz, 30 km NE of Boyuibe [2025/6317 (USBGN)] (MAPA); J. Steinbach, date? (Hartert & Goodson, 1917, Novit. Zool., **24**:501).

REYES; El Beni 1419/6723 (USBGN)
232 m, in extreme southwestern El Beni, at headwaters of Río Negro [1301/6658 (USBGN)], 22 km E of upper Río Beni [1023/6524 (USBGN)], and 35 km NE of Rurrenabaque [1428/6734 (USBGN)] (MHA); Rusby, June 1886 (Allen, 1889:78); Mann, Nov. 1921 (USNM); open pampas, flooded during rains, Olalla, 18-27 Dec. 1937, 28 Feb. 1938 (Gyldenstolpe, 1945:15, 88, map); Peña and Barría, 26 Nov.-26 Dec.1956 (Peña, 1962:168).

RHAPAGUAIA (Sclater & Salvin, 1879:593); see Chapaguaia.

RIBERALTA; El Beni 1059/6606 (USBGN)
160 m, northern El Beni, on right bank of Río Beni [1023/6524 (USBGN)] just below confluence of Río Madre de Dios [1058/6609

(USBGN)] (MHA); swampy along river, with scattered open areas, and heavily forested elsewhere, Olalla, 20-27 Sept., 22 Oct.-7 Nov. 1937 (Gyldenstolpe, 1945:11-13, map; FMNH); Remsen, ca. 1976-1984 (Dott, 1986:135).

RICARDO FRANCO, SERRANÍA DE (MHA); see Huanchaca, Serranía de.

RINCONADA; La Paz 1621/6802 (USBGN)
5,286 m (MAPA); ca. 24 km NE of city of La Paz [1630/6809 (USBGN)]; not shown on maps available to us; collector? [Garlepp?], date? (Hellmayr, 1938, Field Mus. Nat. Hist. Publ., **13**, pt. 11, p. 340; Remsen, Parker, & Ridgely, 1982:84).

ROBORÉ; Santa Cruz 1820/5945 (USBGN)
400 m, southeastern Santa Cruz on SW side of Sierra de Santiago [Serranía de Santiago, 1825/5925], 17 km W of city of Santiago [1819/5934 (USBGN)] (MHA, as "El Roboré"); Remsen, ca. 1976-1984 (Dott, 1986:135); Schmitt, 20 km by road NW, 14 July 1984 (Schmitt, et al., 1986:308).

RODEO; Cochabamba Not located
Alt.?; village in central Cochabamba, W of Vacas [1732/6535 (USBGN)], Fjeldså, et al., at camp nearby, fields, poor grassland, 16-17 April 1987 (Fjeldså, 1987:36).

RONCO Not located
Bridges, ca. 1845-1847 (Sclater & Salvin, 1879:590, 634).

ROQUEFALDA; Cochabamba Not located
Collector?, date? (Todd, 1922, Proc. Biol. Soc. Washington, **35**:215); Cherrie, one day from Incachaca [1714/6549 (USBGN)] and two days from Jatumpampa [not located], 18-19 Feb. 1915 (FMNH); source of *Myiarchus t. tuberculifer*; probably located in a tropical area.

ROSAYUNI Not located
1,600-2,100 m, Künzel, 7 Mar. 1954 (Niethammer, 1956:105, 139, 140).

RURRENABAQUE; EL Beni 1428/6734 (USBGN)
227 m, at edge of mountains on right bank of upper Río Beni [1023/6524 (USBGN)] and contiguous with Susi [1429/6738

(USBGN)], which also see (MHA; MAPA); Carriker, 10 Sept. 1934 (Carriker, 1935:320); Niethammer, in vicinity, including at Bala [1430/6737 (USBGN)] and Río Quiquibey [1431/6735 (USBGN)], 29 Aug.-4 Oct.1951 (Niethammer, 1951:198; 1956:86, as "Beni"); Peña and Barría, 25 Sept.-5 Nov. 1956 (Peña, 1962:167); Parker, et al., 21 May 1990, and 2-8 km N on La Paz side of Río Beni, 21 June 1989 (Parker, et al., 1991:123, 124).

SABAYA; Oruro 1901/6823 (USBGN)
3,769 m, southwestern Oruro, 10 km N of Salar de Coipasa [1926/6809 (USBGN)] (MHA); puna, salt plain, tussock grass, Cabot, June, 18, 21 Aug. 1984 (Cabot & Serrano, 1986:171; Cabot, 1919:203, 206).

SACABA; Cochabamba 1723/6602 (USBGN)
2,600 m (MAPA); on eastern outskirts of city of Cochabamba [1724/6609 (USBGN)] (MAPA-II); Olalla, date? (Gyldenstolpe, 1945:map).

SACAYA; Potosí 2002/6834 (USBGN)
3,960 m, W of Salar de Uyuni [2020/6742 (USBGN)] on Chilean border (MHA); across the border is a similarly named town at 2000/6835 (USBGN); collectors obviously ranged across the border; see entry in gazetteer for Chile (Paynter, 1988, *Ornithological Gazetteer of Chile*, p. 224) for all records.

SACRAMENTO ALTO; La Paz 1616/6747 (USBGN)
2,575 m (Parker, et al., 1980:160); south-central La Paz, ca. 20 km NE of Unduavi [1619/6754 (USBGN)]; does not appear on maps available to us; 8 km by road N [NE] of summit of Chuspipata [ca. 1618/6750], Parker, 25, 27 May, Remsen, et al., 20 July-8 Aug. 1979 (Parker, Remsen, & Heindel, 1980:160-161; Remsen & Traylor, 1983:96).

SAGUAYO, QUEBRADA; Santa Cruz 1757/6345 (USBGN)
Small stream SW of city of Santa Cruz [1748/6310 (USBGN)], within Parque Nacional Amboró [ca. 1750/6339 (Parker, et al., 1992:173)]; not labeled on our maps; Steinbach, 20 Sept. 1911, Mar., Sept. 1916 (CM), 12 Oct. 1917 (Remsen, et al., 1986:30, as "Río Saguayo"); Cox and Clarke, on upper part, 22 Oct. 1987-Dec. 1988

(Cox & Clarke, 1988a; 1988b, as "Río Saguayo"); see, also, Amboró, Parque Nacional.

SAGUAYO, RÍO (Remsen, et al., 1986:30); see Saguayo, Quebrada.

SAIPURÚ; Santa Cruz 1931/6316 (USBGN)
Alt.?; in southwestern corner of department, 195 km S of Santa Cruz [1748/6310 (USBGN)] and 32 km SE of Gutiérrez [1925/6334 (USBGN)] (MHA); Davis, on Río Saipurú [1927/6317 (USBGN)], 2 km upstream from Saipurú, 15 Sept. 1987 (FMNH).

SAJAMA; Oruro 1807/6900 (USBGN)
4,243 m, northwestern Oruro, at foot of Nevado Sajama [1806/6854 (USBGN)] and a short distance from the border with Chile (MHA); d'Orbigny, 10 April 1833 (d'Orbigny, 1864, p. 327; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 142); Garlepp, at 4,000 m, 28 June 1897 (Berlepsch, 1901:94; Hellmayr, 1932, Field Mus. Nat. Hist. Publ., **29**:94); collector?, date? (Bond & de Schauensee, 1942b:316); Schmitt, 10 km by road E at 4,300 m, 8-9 Dec. 1984 (Schmitt & Schmitt, 1987:130, 132); puna, humid grassland surrounded by very dry country, Fjeldså, et al., at village and to N, 30 April-1 May 1987 (Fjeldså, 1987:40; Cabot, 1991:206).

SAJAMA, MT. (Esteban, 1951:412); see Sajama, Nevado.

SAJAMA, MT. (FMNH); see Pacajes.

SAJAMA, NEVADA (Fjeldså, 1987:40); see Sajama, Nevado.

SAJAMA, NEVADO; Oruro 1806/6854 (USBGN)
6,520 m, tall peak in northwestern corner of department (MHA); collector?, date? (Esteban, 1951, Acta Zool. Lilloana, **12**:412, as "Mt. Sajama"); Fjeldså, et al., between Curahuara de Carangas [1752/6826 (USBGN)] and Nevado Sajama, 28 April, and at camp W of Nevado Sajama, at 4,300 m, 28-30 April 1987 (Fjeldså, 1987:40, as "Nevada Sajama"); also see Jiska Khara Heihinca; Jachcha Kara Huachinca; and Huincurata, Cerro.

SALADA, LAGUNA (Hurlbert, 1978:9); see Challviri, Salar de.

SALINAS (Zimmer, 1941:24); see Puerto Salinas.

SALO; Potosí 2115/6544 (USBGN)
13,000 ft [3,950 m] (Bond & de Schauensee, 1939a:1); eastern Potosí, 22 km NNW of Tupiza [2127/6543 (USBGN)] (MHA); Carriker, 1 Mar. 1938 (Bond & de Schauensee, 1939a:1, as "Finca Salo (Oploca [2119/6546 (USBGN)])"); see, also, Oploca.

SALO, FINCA (Bond & de Schauensee, 1939a:1); see Salo.

SALTO PAMPA; Cochabamba ca. 1720/6600 (Gyldenstolpe, 1945:map)
3,220 m, short distance NE of city of Cochabamba [1724/6609 (USBGN)], and 12 km W of Colomi [1721/6552 (USBGN)], puna with some boggy areas, Olalla, 30 May-11 June 1938 (Gyldenstolpe, 1945:map; Fjeldså & Krabbe, 1989:322).

SAMA; Tarija 2129/6502 (USBGN)
ca. 2,500 m, central Tarija, 22 km W of city of Tarija [2131/6445 (USBGN) (MHA, as "Tambo Sama" and shown too far E); Nores and Yzurieta, at 2,417 m, late Oct. 1982 (Nores & Yzurieta, 1984:328).

SAMAIHUATE; Tarija 2143/6255 (USBGN)
1,400 ft [400 m] (ONC); on left bank of upper Río Pilcomayo [1521/6330 (USBGN)], 85 km SE of Villa Montes [2115/6330 (USBGN)] (MHA, as "Samayhuate"); Eisentraut, ca. July 1930-Jan. 1931 (Eisentraut, 1935, as "Samuhuate").

SAMAIPATA; Santa Cruz 1809/6352 (USBGN)
1,620 m (MAPA); major town in central western Santa Cruz (MHA); d'Orbigny, 5-9 Nov. 1830, 23 Nov. 1832 (d'Orbigny, 1839-1843, p. 511, as "Samaypata"; 1846, pp. 159, 258, as "Samaypata"; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, pp. 140, 142); Behn, 24-25 April 1847 (Berlepsch & Leverkühn, 1880, Ornis, **6:**6); G. Garlepp, 21 July, 29 Aug. 1890 (Berlepsch, 1901:86; Hellmayr, 1921:274; Niethammer, 1953a:201); Miller, Sept. or Oct. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 341); J. Steinbach, 10, 13, 17, 20-21, 24, 27 Nov. 1919 (CM; Todd, 1928, Ann. Carnegie Mus., **18**:362; 1943, Proc. Biol. Soc. Washington, **59:**9; 1946:155; LACMNH; FMNH; Remsen, et al., 1987:13); D. Steinbach, 16 Jan. (Remsen, et al., 1987:8), 8 (FMNH), 11 (Remsen, et al., 1987:8), 17 Mar., 16 April 1920 (Remsen, et al., 1986:32), F. Steinbach, 20 Aug. 1926 (FMNH); second growth scrub, Carriker, 10 Nov. 1935 [=1937?] (Carriker, Rev. Brasil. Biol., **10:**13), 26 Oct.-27 Nov. 1937 (Bond & de Schauensee, 1939a:5; 1940:2; 1941:1,

6; 1942b:316); Dott, 1969-1975 (Dott, 1986:135, as "Semaipata"); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329); see, also, Piedras Blancas.

SAMAYHUATE (MHA); see Samaihuate.

SAMAYPATA (d'Orbigny, 1839-1843:511); see Samaipata.

SAMUHUATE (Eisentraut, 1935); see Samaihuate.

SAN AGUSTÍN Not located
3,500 ft [1,050 m], northern Bolivia, collector, date? (Hellmayr, 1911, Proc. Zool. Soc. London, p. 1097, as "San Augustin, N. Bolivia"); eastern Bolivia, collector?, date? (Zimmer, 1941, Amer. Mus. Novit., no. 1126, p. 14, as "San Augustin"; 1950, Amer. Mus. Novit., no. 1463, p. 15, as "San Augustin, E. Bolivia").

SAN ANTONIO; Cochabamba (Todd, 1926:47); see San Antonio del Chimoré.

SAN ANTONIO; El Beni Not located
Collector?, 10 km W, 12 Aug. 1965 (Remsen, et al. 1986:28).

SAN ANTONIO; La Paz Not located
In Yungas [1620/6645 (USBGN)] region, G. Garlepp, 24 May-end of 1895, with known dates of 13 June (MCZ), 21 (Niethammer, 1956:91), 28 Aug., 6 Sept. (USNM), and O. Garlepp, from Mar. to ? 1896, 29 July 1897 (Niethammer, 1953a:203, also as "San Antonio de Chicalulu", p. 204); probably in vicinity of Coroico [1610/6744 (USBGN)].

SAN ANTONIO, "MISSION" (Chapman, 1921:4); see San Antonio del Chimoré.

SAN ANTONIO, RÍO; Cochabamba 1658/6522 (USBGN)
Rises in mountains ca. 55 km SSW of Todos Santos [1648/6508 (USBGN)], northeastern Cochabamba, and joins the Río Juntas [Río Juntas Vandiola, 1707/6513 (USBGN)] which in turn meets the Río San Mateo [1703/6524 (USBGN)], a tributary of upper Río Chaparé [1558/6442 (USBGN)] (MHA); Cherrie, at mouth, 28 Feb., 1, 6 Mar. 1915 (Cherrie, 1916, Bull. Amer. Mus. Nat. Hist., 35:391; Todd, 1922, Proc. Biol. Soc. Washington, 35:215, as "mouth of Rio San Antonio, Rio [sic] Espirito [sic] Santo"; FMNH); Miller, at 1,800 ft

[550 m], July 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 291); see, also, Espirítu Santo and Espirítu Santo, Río.

SAN ANTONIO DE CHICALULU (Niethammer, 1953a:203); see San Antonio; La Paz.

SAN ANTONIO DEL CHIMORÉ; Cochabamba 1643/6507 (USBGN) 1,300 ft [400 m] (Chapman, 1924b:6); on Río Chimoré [1645/6449 (USBGN)], northeastern Cochabamba (MHA, as "Chimoré" and shown too far E); Miller and Boyle, 11 Aug. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 303; Chapman, 1924b:6, as "'Mission' San Antonio"); collector? [Miller?], date? (Todd, 1926, Ann. Carnegie Mus., **17**:47, as "San Antonio").

SAN AUGUSTIN (Zimmer, 1941:24); see San Agustín.

SAN BALDOMERO Not located
Forbes, date? (Sclater & Salvin, 1879:602); collecting site for *Thlypopsis ruficeps*, a subtropical species

SAN BENITO; Cochabamba 1731/6555 (USBGN) ca. 2,750 m, central Cochabamba, 10 km NW of Punata [1733/6550 (USBGN)] (MHA); F. Steinbach, 16 Sept. 1927, 6 Sept. 1928 (FMNH); see, also, San Benito, Cerro.

SAN BENITO, CEJAS DE (Todd, 1942:339); see San Benito, Cerro.

SAN BENITO, CERRO; Cochabamba Not located
Alt.?; [F.?] Steinbach, 30 Oct., 17 Nov. 1921 (CM; Remsen, et al., 1987:14); F. Steinbach, date?, 24 May, 6, 9 Sept. 1927, 18 June 1936, 25, 28 July 1937, 25, 29 Jan., 10 June 1938, 15 April, 15 Sept., 12, 15-16, 22, 25 Nov., 5, 15 Dec. 1939, 10 Jan., 2, 18 July 1940 (Todd, 1942, Ann. Carnegie Mus., **29**:24, pp. 339, 370, as "Cejas de San Benito"; FMNH, as "Aduana, Cerro San Benito"); probably in vicinity of San Benito [1731/6555 (USBGN)] and Incachaca [1714/6549 (USBGN)], as some dates are the same; see, also, Aduana.

SAN BLAS; Santa Cruz 1743/6051 (USBGN) ca. 300 m, 8 km N of San José de Chiquitos [1751/6047 (USBGN)], eastern Santa Cruz (MAPA); Krieg, 7 Oct. 1926 (Laubmann, 1930: 110).

SAN BORJA; El Beni 1449/6651 (USBGN)
201 m, in easternmost central El Beni, in Provincia Yacuma [1330/6600 (USBGN)], almost on the La Paz border (MHA); Davis, 25 km E of San Borja, at 200 m, 23 July 1987 (FMNH); collector?, 50 km E [=? Estación Biológica del Beni], 23 Oct. 1983, 27 Aug. 1985 (Cabot & Serrano, 1986:170, 172); Schmitt, 3 km SW at 450 m, 6-8 Oct., and in Provincia General Balliván [1400/6705 (USBGN)], Serranía Pilón [Cadena Pilón, 1530/6707 (USBGN)], 27 km by road N of Río Quiquibey [1431/6735 (USBGN)] on road to San Borja, 11-24 Sept. 1984 (Schmitt & Schmitt, 1987:130, 131, 132); Parker, et al., in area, including 27 km E and few km farther E, 24 June 1989, ca. 60 km E, 23 June, and "within" [direction?] 30 km of San Borja, 25 June 1990 (Parker, et al., 1991:122, 126); see, also, Pilón, Cadena.

SAN CARLOS; La Paz 1524/6811 (USBGN)
1,600 m, Simons, 26 Aug. 1900, at 1,600 m, 15 July 1901 (Chubb, 1919:5); ca. 15 km S of Mapiri [1515/6810 (USBGN)] in western central La Paz; does not appear on our maps.

SAN CARLOS; Santa Cruz 1724/6345 (USBGN)
ca. 300 m, central Santa Cruz, 10 km NW of Buena Vista [1717/6340 (USBGN)] and 35 km WSW of Portachuelo [1721/6324 (USBGN)] (MHA); F. Steinbach, 22 Sept., 18 Oct. 1930, 31 Aug., 20, 22, 24-26 Sept., 5-7, 9-10, 15, 18, 20-27 Oct., 12 Nov. 1938, 10 Oct. 1939 (FMNH); collector? [F. Steinbach?], 12 Dec. 1943 (Remsen & Ridgely, 1980:69).

SAN CHRISTOBAL (Niethammer, 1953a:201); see San Cristóbal.

SAN CHRISTOBAL, RIO (Gyldenstolpe, 1941:3); see San Cristóbal, Río.

SAN CRISTÓBAL; Cochabamba Not located
8,500-8,900 ft [2,600-2,700 m], near city of Cochabamba [1724/6609 (USBGN)], Carriker, 21-30 Jan. 1937 (Bond & de Schauensee, 1942b:316); G. Garlepp, May 1892 (Niethammer, 1953a:201, as "San Christobal").

SAN CRISTOBAL, RÍO; La Paz 1541/6845 (USBGN)
Not shown on our maps; appears to be a headwater of Río Llica [1521/6832 (USBGN)] in northern La Paz, near Quiabaya [1537/6846 (USBGN)]; Olalla, on river below Sorata [1547/6840 (USBGN)] at 1,720 m (Gyldenstolpe, 1941:3, as "Rio San

Christobal"; Fjeldså & Krabbe, 1989:322, also as "Río San Christobal").

SAN DIEGO; Tarija 2124/6413 (USBGN)
ca. 2,000 m, central Tarija, 53 km ENE of city of Tarija [2131/6445 (USBGN)] (MHA); von Hofsten, 21 Mar. 1902 (Lönnberg, 1903:467).

SANDILLANI; La Paz 1612/6754 (USBGN)
7,000 ft [2,150 m] (Carriker, 1935:321); in Yungas [1620/6645 (USBGN)] region, on headwaters of Río Coroico [1527/6750 (USBGN)], ca. 44 km NE of city of La Paz [1630/6809 (USBGN)] (MAPA); Bridges, ca. 1845-1847 (Sclater & Salvin, 1879:590, 628); G. Garlepp, 25 June 1895 (MCZ), and 15 June-17 Aug. 1896 (Niethammer, 1953a:204), with known specific dates of 6, 9, 12, 25 July, and 14 Aug. (USNM; MCZ; Berlepsch, 1901:89; Niethammer, 1956:110, 111); O. Garlepp, 30 July 1897 (Niethammer, 1953a;204); forest and grassy slopes, rainy, Carriker, at 6,600 ft [2,000 m], 26 Nov., at 6,800 ft [2,075 m], 22 Nov.-19 Dec. 1934 (Carriker, 1935:324, 333, 340; Bond & de Schauensee, 1942a:3; 1942b:316).

SANDILLOENT (USNM); see Sandillani.

SAN ERNESTO; La Paz Not located
1,000 m, on upper [headwaters of] Río Beni [1023/6524 (USBGN)], near Mapiri [1515/6810 (USBGN)], Simons, 29 Aug., 2, 14 , 25, 27, 29 Sept., 17 Oct. 1900 (Chubb, 1919:5, 6, 15, 270).

SAN FERMIN; Santa Cruz 1848/5837 (USBGN)
ca. 100 m, extreme eastern Santa Cruz, 112 km WNW of Puerto Saurez [1857/5751 (USBGN)] (MHA); Krieg, 30 Oct., 3 Nov. 1926 (Laubmann, 1930:4, 233, 244).

SAN FRANCISCO; Cochabamba Not located
Alt.?; northeastern Cochabamba, near Villa Tunari [ca. 1657/6524 (MAPA)] and Todos Santos [1648/6508 (USBGN)], tropical forest, Dott, 20 Feb 1975 (Dott, 1984:108; 1986:135); may be Puerto San Francisco [ca. 1630/6520 (MAPA-II)], 40 km NNE of Villa Tunari, on Río Sécure [1510/6452 (USBGN)] (MAPA-II).

SAN FRANCISCO; Tarija (Salvadori, 1897:1); see Villa Montes.

SAN FRANCISCO XAVIER (d'Orbigny, 1846:135); see San Javier; El Beni.

SAN IGNACIO; El Beni 1453/6536 (USBGN)
754 ft [230 m], in south-central El Beni, 110 km WSW of Trinidad [1447/6447 (USBGN)] (MHA; ONC, as "San Ignacio de Moxos"); collector?, 40 km W, 1 Nov. 1983 (Cabot & Serrano, 1986:170, as "San Ignacio de Mojos").

SAN IGNACIO; Santa Cruz 1737/6053 (USBGN)
ca. 300 m, in lowlands of eastern Santa Cruz, 30 km NNW of San José de Chiquitos [1751/6047 (USBGN)] and just S of Crecencia (MHA; MAPA); d'Orbigny, 29 July-5 Aug. 1831 (d'Orbigny, 1839-1843, pp. 610-613; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 140); Krieg, 20, 22 Sept. 1926 (Laubmann, 1930:68, as "La Crecencia, San Ignacito", p. 305, as "Ignacito"); Remsen, ca. 1976-1984 (Dott, 1986:135); Lanyon, at Km 40 on San José [San José de Chiquitos, 1751/6047 (USBGN)]/San Ignacio [1737/6053 (USBGN)] road, at 350 m, 11 Nov., at Km 68 on same road, at 350 m, 10-11 Nov., Willard, Lanyon, and Castillo, at Km 69 on same road, at 350 m, 7-10 Nov. 1987 (FMNH).

SAN IGNACIO DE MOJOS (Cabot & Serrano, 1986:170); see San Ignacio.

SAN IGNACIO DE MOXOS (ONC); see San Ignacio.

SAN IGNACITO (Laubmann, 1930:68); see San Ignacio.

SAN ISIDRO; Santa Cruz 1803/6425 (USBGN)
ca. 1,000 m, extreme western central Santa Cruz, 33 km WNW of Pampa Grande [1805/6406 (USBGN)] and 23 km SE of Comarapa [1754/6429 (USBGN)] (MHA); [F?] Steinbach, at 400 m, 16 Oct. 1922 (Remsen, et al., 1985:129); F. Steinbach, at 2,500 m, 27 Aug. 1926 (FMNH); Ridgely, nearby, 10, 23-26 April, and NE of San Isidro, at 1,500 m, day? April 1977 (Remsen & Ridgely, 1980:69); Rowlett, ca. 5 km S, 5 Oct. 1983, and Parker and Rowlett, 1 km NW, 8 Oct. 1983 (Parker & Rowlett, 1984:112).

SAN JACINTO; Cochabamba 1710/6544 (USBGN)
1,600 m (MAPA); central eastern Cochabamba, 5 km E of Locotal [1711/6548 (USBGN)] and 12 km NE of Incachaca [1714/6549 (USBGN)] (MHA); G. Garlepp, 19 Dec. 1890, 5 Jan. 1891

(Berlepsch, 1901:87), 11 Feb. 1894 (MCZ); collector?, date? (Todd, 1929, Proc. U. S. Nat. Mus., **74**:57); Carriker, at 6,600-8,500 ft [2,000-2,600 m], 27 April-5 May 1937 (Bond & de Schauensee, 1942b:316).

SAN JAVIER; El Beni 1434/6442 (USBGN)
ca. 200 m, short distance inland from right bank of middle Río Mamoré [1023/6523 (USBGN)], 30 km NNW of Trinidad [1447/6447 (USBGN)] (MHA); d'Orbigny, 15-22 April 1832 (d'Orbigny, 1846, pp. 135-140, as "San Francisco Xavier", "San Xavier", and "San Xavier de Moxos"; Papavero, 1971, *Essays on History of Neotropical Dipterology*, p. 141).

SAN JAVIER; Santa Cruz (1) 1721/6335 (USBGN)
ca. 400 m, in central western Santa Cruz, 64 km NW of city of Santa Cruz [1748/6310 (USBGN)] (MHA); F. Steinbach, 5, 10 June 1938 (FMNH); Steinbach, 20 Feb. 1947 (Remsen, et al., 1987:9); Remsen, ca. 1976-1984 (Dott, 1986:135).

SAN JAVIER; Santa Cruz (2) 1620/6238 (USBGN)
710 m (MAPA); north-central Santa Cruz, 55 km SW of Concepción [1615/6204 (USBGN)] (MHA, where shown too far E); d'Orbigny, ca. 2-6 July, ca. late Nov.-19 Dec. 1831 (d'Orbigny, 1839-1843, pp. 589-593, 655-659, as "San Xavier"; 1846, pp. 7-8, 174, as "San Xavier"; Sclater & Salvin, 1879:602, as "San Xavier").

SAN JOAQUÍN; El Beni 1304/6449 (USBGN)
ca. 200 m, on left bank of middle Río Machupo [1234/6425 (USBGN)], north-central El Beni (MHA); d'Orbigny, 16-19 Mar. 1832 (d'Orbigny, 1846, pp. 104-107; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 141); Kuns, 20 Mar., 2, 23, 26-27, 29 June, 26 Sept. 1963, 20, 22 Mar., 4 Dec. 1964 (FMNH); Tyson, 27 Mar. 1964 (Remsen, et al., 1986:24); Remsen, et al. (1990:371) cite a town bearing this name on Río Mamoré [1023/6523 (USBGN)], with an unknown collector and date, but we cannot find it and assume this was an error for Río Machupo.

SAN JOSÉ; Cochabamba (1) 1706/6547 (USBGN)
Alt.?; NE of city of Cochabamba [1724/6609 (USBGN)] in the Yungas [1620/6645 (USBGN)] and N of Incachaca [1714/6549 (USBGN)]; not found on maps available to us; Steinbach, 5 May- 10 July 1921 (CM; Todd, 1947:95).

SAN JOSÉ; Cochabamba (2) Not located
Alt.?; on Río Mizque [1839/6420 (USBGN)], Garlepp, 27 June 1890 (Hellmayr, 1921:274, as "S. José (Mizqué)"; Zimmer, 1940, Amer. Mus. Novit., no. 1095, p. 13, as "Mizque, San José"; Bond & de Schauensee, 1942b:316; Niethammer, 1956:102, as "San José (Río Mizque)".

SAN JOSÉ; Santa Cruz (Sclater & Salvin, 1879:602); see San José de Chiquitos.

SAN JOSÉ, MISSION [MISION] DE (Sclater & Salvin 1879:592); see San José de Chiquitos.

SAN JOSÉ DE CHIQUITOS; Santa Cruz 1751/6047 (USBGN)
ca. 300 m, in lowlands of western Santa Cruz, 260 km W of city of Santa Cruz [1748/6310 (USBGN)] (MHA, as "San José"); d'Orbigny, 8-14 Sept. 1831 (d'Orbigny, 1839-1843, pp. 623-629; 1846, p. 174; Sclater & Salvin, 1879:592, as "Mission [Misión] de San Jose, Chiquitos" and "Mission [Misión] de San Jose, Prov. Chiquitos", p. 602, as "San Jose"); Krieg, in general area, including at Crecencia [1731/6052 (USBGN)], San Blas [1743/6051 (USBGN)], and San Ramón [1726/6103 (USBGN)], 6 Sept.-14 Oct. 1926, with known dates of 8-12, 14-17, 20 Sept., 9 Oct. (Laubmann, 1930:4, pp. 54, 55, 80, 107, 110, 113, 117, 121, 161, as "San José"); region of transition between Amazonian and dry vegetation, Olrog, 18 Aug.-20 Sept. (Olrog, 1963a:425), 6 Nov. 1959 (Darrieu, 1980, Rev. Mus. Argent. Cienc. Nat. "Bernardina Rivadavia," **12**:173, as "San José de los Chiquitos"); Schmitt and Schmitt, ca. 50 km N, at 350 m, 2 Aug. 1984 (Schmitt, et al, 1986:308, as "San José de los Chiquitos"); Lanyon, at Km 40 on San José [San José de Chiquitos]/San Ignacio [1737/6053 (USBGN)] road, at 350 m, 11 Nov., at Km 68 on same road, at 350 m, 10-11 Nov., Willard, Lanyon, and Castillo, at Km 69 on same road, at 350 m, 7-10 Nov. 1987 (FMNH).

SAN JOSÉ DE LOS CHIQUITOS (Darrieu, 1980:173); see San José de Chiquitos.

SAN JUAN; El Beni ca. 1410/6410
ca. 200 m (MHA); ranch ca. 100 km NE of Trinidad [1447/6747 (USBGN)], in Los Llanos de Los Mojos [=? Provincia Cercado, 1430/6420 (USBGN)], savanas, Amazonian gallery forest, dry forest "islands", Olrog, 20 Aug.-1 Nov. 1960 (Olrog, 1963a:445).

SAN JUAN; Santa Cruz Not located
Alt.?; eastern Santa Cruz, short distance W of Santo Corazón [1759/5851 (USBGN)], d'Orbigny, 15-19 Oct. 1831 (d'Orbigny, 1839-1843, pp. 655-659, also as "San Juan Bautista"; Papavero, 1971, *Essays on History of Neotropical Dipterology,* p. 140).

SAN JUAN BAUTISTA (d'Orbigny, 1839-1843:656); see San Juan; Santa Cruz.

SAN JUAN MAYU; La Paz ca. 1620/6715 (Niethammer, 1953a:197)
2,000 m, NE of Irupana [1628/6728 (USBGN)] in the Yungas [1620/6645 (USBGN)] region, Niethammer, 15-26 Oct. 1951 (Niethammer, 1953a:197, 198, 214); found only on Niethammer's map (p. 197).

SAN LORENZO; El Beni ca. 1423/6725 (Gyldenstolpe, 1945:map)
196 m, estancia on right side of upper Río Beni [1023/6524 (USBGN)], ca. 18 km E of Puerto Salinas [1420/6733 (USBGN)], forest, fields, and swamps, collector [=Acho?] for Olalla, 12 Jan., 2 Feb., 2-17, 19-26, 28-29 Mar., 20-21, 27, 31 May, 2 June, Acho, dates? 1938 (Gyldenstolpe, 1945:17-18, 39, 42, 43, 68, 84, 92, 95, 98, 123, 127, 136, 142, 146, 147, 154, 156, 201, 204, 291, map).

SAN LORENZO; Tarija 2126/6447 (USBGN)
7,500 ft [2,300 m] (Bond & de Schauensee, 1942b:316); in central part of department, 17 km NNW of city of Tarija [2131/6445 (USBGN)] (MHA); irrigated farming area, dry thorn brush elsewhere, Carriker, 8-19 Jan. 1936 (Bond & de Schauensee, 1942b:316).

SAN LUIS; Tarija 2136/6442 (USBGN)
ca. 1,000 m, central Tarija, 10 km SE of capital of Tarija [2131/6445 (USBGN)] (MHA); low spiny trees and shrubs, von Hofsten, 16-17, 19, 23-27, 29 Jan., 5-6, 8, 23 Feb., 4 Mar., April 1902 (Lönnberg, 1903:443, 452-457); Budin, at 1,600 m, Sept. 1924 (USNM, as "Valle San Luis").

SAN LUIS, VALLE (USNM); see San Luis.

SAN MATEO; Cochabamba 1742/6442 (USBGN)
ca. 1,300 m, southeastern Cochabamba, 28 km E of Pojo [1745/6449 (USBGN)] (MHA); d'Orbigny, date? (Bond & de Schauensee, 1942b:316); G. Garlepp, early July-late Aug. 1891 (Niethammer,

1953a:201), with specific dates of 1, 3, 20, 22, 27 July, 7-8, 23 Aug. 1891 (Berlepsch, 1901:87, 96, 98; Hellmayr, 1911, Rev. Franç. Orn., 2:25; Hellmayr, 1921:178, 203; Niethammer, 1956:105; MCZ:); transition between humid forest and dry scrub, Olrog, 2[?], 29-31 July, 1-3, 7, 13 Aug. 1959 (Olrog, 1963a:408-424).

SAN MATIAS, Santa Cruz 1622/5824 (USBGN)
142 m, extreme northeastern Santa Cruz, almost on Brazilian border (MHA); *campos cerrados* with more dense vegetation along streams and small rivers, Ruschi, Nov. 1961, July 1966 (Ruschi, 1967); Bejarano, nearby, Aug. 1975, Ridgely, 26 Mar. 1977 (Remsen & Ridgely, 1980:70, 71).

SAN MICERATO, CERRO; Santa Cruz 1813/5943 (USBGN)
850-900 m (FMNH); western Santa Cruz, in Serranía de Santiago [1825/5925 (USBGN)], NW of town of Santiago [1819/5934 (USBGN)]; does not appear on our maps; R. Steinbach, 26-29 Mar., 1, 4, 14-15 April, 2-3, 20-21, 25-26, 29-30 May, 1, 3-5, 14-17, 20-21, 24, 29 June, 3 July 1973 (FMNH, sometimes as "San Micerato Chiquitos", "San Miserato Chiquitos", "San Micerato", and "Sierra San Micerato").

SAN MICERATO, SIERRA (FMNH); see San Micerato, Cerro.

SAN MICERATO CHIQUITOS (FMNH); see San Micerato, Cerro.

SAN MIGUEL; Santa Cruz 1642/6101 (USBGN)
440 m, in central eastern central Santa Cruz, SE of Concepción [1615/6204 (USBGN)] and 30 km S of San Ignacio [1623/6059 (USBGN)] (MAPA; MHA, where shown too far E; ONC, where shown slightly farther E than USBGN coordinates); d'Orbigny, 15-19 July 1831 (d'Orbigny, 1839-1843, pp. 601-601; 1846, p. 171; Sclater & Salvin, 1879:602); Behn, Mus. Kiel Exped., 17, 19 June 1847 (Leverkühn, 1889:105; Berlepsch & Leverkühn, 1890, Ornis, **6**:17); collector?, 11 Nov. 1986 (Shaw & Maxwell, 1988, as "San Miguel de Velasco, 1604[sic]/6100").

SAN MIGUEL, RÍO; El Beni/Santa Cruz 1352/6356 (USBGN)
Rises near San José de Chiquitos [1751/6047 (USBGN)], in central Santa Cruz, and flows N to become Río Itonamas [1228/6427 (USBGN)], a tributary of the Río Iténez [or Rio Guaporé, 1154/6501 (USBGN)], forming the border between Brazil and Bolivia (MHA);

d'Orbigny, 30 June 1831 (d'Orbigny, 1839-1843, p. 587; 1846, pp. 180-186; Sclater & Salvin, 1879:614, as "Rio de San Miguel").

SAN MIGUEL, RIO DE (Sclater & Salvin, 1879:614); see San Miguel, Río.

SAN MIGUEL DE VELASCO (Shaw & Maxwell, 1988); see San Miguel.

SAN MISERATO CHIQUITOS (FMNH); see San Micerato Chiquitos.

SAN NICOLÁS; Santa Cruz Not located
Alt.?; central Santa Cruz, in vicinity of Santa Ana [1637/6043 (USBGN)], d'Orbigny, 5 Sept. 1831 (d'Orbigny, 1839-1843, p. 620; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 140).

SAN PEDRO (d'Orbigny, 1846:131); see San Pedro Viejo.

SAN PEDRO VIEJO; El Beni 1355/6503 (USBGN)
ca. 200 m, on middle Río Mamoré [1023/6523 (USBGN)], 35 km SE of Santa Ana [1345/6535 (USBGN)] (MHA); d'Orbigny, 14-15 April 1832 (d'Orbigny, 1846, pp. 131-136, as "San Pedro"; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 141, as "San Pedro").

SAN RAFAEL; Cochabamba Not located
550 m, in Provincia Chaparé [1630/6530 (USBGN)], Steinbach, 18 July 1957 (Remsen, et al., 1986:28).

SAN RAFAEL; Santa Cruz Not located
Alt.?; central Santa Cruz, a short distance S of Santa Ana [1637/6043 (USBGN)], d'Orbigny, 3 Sept. 1831 (d'Orbigny, 1839-1843, p. 618; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 140).

SAN RAMÓN; El Beni 1317/6443 (USBGN)
ca. 200 m, northeastern El Beni, on Río Machupo [1243/6425 (USBGN)], 25 km above San Joaquín [1304/6449 (USBGN)] (MHA); d'Orbigny, 10 Mar. 1832 (d'Orbigny, 1846:103; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 141).

SAN RAMÓN; Santa Cruz 1726/6103 (USBGN)
ca. 300 m (MHA); ca. 50 km NW of San José de Chiquitos

[1751/6047 (USBGN)], central Santa Cruz; not indicated on our maps; Krieg, in vicinity, including at Crecencia [1731/6052 (USBGN)] and San José de Chiquitos, 6 Sept.-14 Oct. 1926, with known dates of 1-2 Oct. (Laubmann, 1930:4, 49, pp. 83, 318, as "Curiche de San Ramon (Chuquitos)"); Remsen, et al., 2 km W, 9 June 1984 (Remsen, et al., 1985:125); Remsen, at Río Quizer [1637/6246 (USBGN)] at 300 m, on San Ramón/Concepción [1615/6204 (USBGN)] road, 10-15 June 1984 (Schmitt, et al., 1986:309).

SANSABÁ (Remsen & Traylor, 1983:96); see Sansaba Chiquitos.

SANSABA CHIQUITOS; Santa Cruz Not located
620 m, R. Steinbach, 26-28 Mar., 1, 7, 15 April, 3, 20 May, 1, 4-5 June 1973 (FMNH, sometimes as "Chiquitos; Sansaba; Santiago"; Remsen & Traylor, 1983:96, as "Sansabá"); undoubtedly in southeastern Santa Cruz, near Santiago [1819/5934 (USBGN)], as some collecting dates overlap.

SAN SIMÓN, CERRO; El Beni 1336/6215 (USBGN)
1,900 ft [600 m], an isolated mountain in extreme eastern El Beni (ONC; MHA, as "Serranía de San Simón"); Parker and Rocha, 21 Aug. 1990 (Parker, et al., 1991:123, 133).

SAN SIMÓN, SERRANÍA DE (MHA); see San Simón, Cerro.

SAN XAVIER (d'Orbigny, 1846:135); see San Javier; El Beni.

SAN XAVIER (Sclater & Salvin, 1879:602); see San Javier (2)

SAN XAVIER DE MOXOS (d'Orbigny, 1846:137); see San Javier; El Beni.

SANTA ANA; El Beni 1345/6535 (USBGN)
220 m, in central El Beni, on lower Río Yacuma [1338/6523 (USBGN)] near confluence with Río Rápulo [1343/6532 (USBGN)], a left-bank tributary of middle Río Mamoré [1023/6523 (USBGN)] (MHA); d'Orbigny, 7-14 April 1832 (d'Orbigny, 1846, pp, 127-130, as "Santa Ana de Moxos"; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 141); Olalla, ca. 24 Feb.-5 Mar. 1938 (Gyldenstolpe, 1945:18, map); Cabot and Serrano, ca. 12 km E at Río Yacuma [1338/6523 (USBGN)], date? (Cabot & Serrano, 1986:172).

SANTA ANA; La Paz 1550/6736 (USBGN)
794 m, in central eastern part of department, on upper Río Coroico [1527/6750 (USBGN)] and NE of town of Coroico [1610/6744 (USBGN)] (MHA); Carriker, 11 July-2 Aug. 1934 (Carriker, 1935:313, 327, 329, 335; Bond & de Schauensee, 1942b: 311, as "Río Coroico", p. 316).

SANTA ANA; Santa Cruz (1) 1637/6043 (USBGN)
461 m (MAPA); in central Santa Cruz, ca. 33 km ENE of San Miguel [1642/6101 (USBGN)] (MHA); d'Orbigny, 19-25 July, 5 Aug.-2 Sept. 1831 (d'Orbigny, 1839-1843, pp. 603-610; 1846, p. 172; Sclater & Salvin, 1879:604); Hellmayr, 1921:210, as "Santa Ana de Chiquitos".

SANTA ANA; Santa Cruz (2) 1835/6408 (USBGN)
2,780 m (MAPA); in mountains of western Santa Cruz, 12 km SSW of Valle Grande [1829/6406 (USBGN)] (MHA); G. Garlepp, 23 June 1890 (Niethammer, 1953a:201); the proximity of this town to Valle Grande, where Garlepp is known to have been for a considerable time, confirms the identification of this site.

SANTA ANA DE CHIQUITOS (Hellmayr, 1921:210); see Santa Ana; Santa Cruz (1).

SANTA ANA DE MOXOS (d'Orbigny, 1846:127); see Santa Ana; El Beni.

SANTA CORAZON DE CHIQUITOS (d'Orbigny, 1839-1843:644-653); see Santo Corazón.

SANTA CORAZÓN (Sclater & Salvin, 1879:612); see Santo Corazón.

SANTA CRUZ; El Beni ca. 1117/6523
(MHA) ca. 100 m, on left bank of lower Río Mamoré [1023/6523 (USBGN)], ca. 100 km S of its mouth (MHA); Cuello, 8 km N, 8 May 1965 (Remsen & Ridgely, 1980:72); identification of the site is uncertain.

SANTA CRUZ; La Paz 1439/6835 (USBGN)
1,590 m, north-central La Paz, 8 km NW of Apolo [1443/6831 (USBGN)] (MHA); Williams, Aug. 1902 (AMNH).

SANTA CRUZ; Santa Cruz 1748/6310 (USBGN)

480 m, in southeastern lowlands, 550 km SE of La Paz [1630/6809 (USBGN)], 55 km W of middle Río Grande [1551/6439 (USBGN)], and on E side of middle Río Piray [1632/6345 (USBGN)] (MHA); d'Orbigny, 17 Nov. 1830-13 Jan., 13 Feb.-21 June 1831, 16 Sept.-17 Nov. 1832 (d'Orbigny, 1839-1843, pp. 521-531, as "Santa Cruz de la Sierra"; 1846, pp. 160, 254-256, as "Santa Cruz de la Sierra"; Sclater & Salvin, 1879:591, as "Santa Cruz de la Sierra"; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, pp. 140, 142); d'Orbigny, "between Santa Cruz de la Sierra and Chiquitos [Provincia Chiquitos, 1800/6000 (USBGN)]", date? (Sclater & Salvin, 1879:625); Burmeister, date? (Sclater & Salvin, 1879:634); Mus. Kiel Exped., 11 May 1847 (Leverkühn, 1889:105); Garlepp, 8 (Hellmayr, 1921:184, as "Santa Cruz de la Sierra"), 10, 21 June (Niethammer, 1956:110), 21 Aug. (Hartert & Goodson, 1917, Novit. Zool., **24**:414), 19 Sept. (Hellmayr, 1921:177, as "Santa Cruz de la Sierra"), 29 Oct. 1889 (FMNH); J. Steinbach, 15 Jan. (Remsen, et al., 1987:12, as "Santa Cruz de la Sierra"), 30 May, 7-8, 21 (Todd, 1915, Proc. Biol. Soc. Washington, 28:170, as "Santa Cruz de la Sierra"), 28 July (Remsen, et al., 1987:8, as "Santa Cruz de la Sierra"), 9, 22, 25 Sept. 1909 (Todd, 1915, Proc. Biol. Soc. Washington, **28**:170, as "Santa Cruz de la Sierra"; 1916, Proc. Biol. Soc. Washington, **29**:97, as "Santa Cruz de la Sierra"; Remsen, et al., 1986:25, 30, as "Santa Cruz de la Sierra"; 1987:11, 12); Ibañez, nearby, 2 May 1915, Steinbach, 11 (Remsen, et al., 1986:25, 31, as "Santa Cruz de la Sierra"), 13 May 1918 (Remsen, et al., 1987:11); J. Steinbach, 5, 13 Nov. 1919, 15, 27, 30 Mar. 2, 5 April, 21 May, 10 Aug., 9-10, 28, 30 Oct., 11, 13, 27, 30 Nov. 1921, 27, 30 Mar., 2, 5 April, 4, 15 May, 10 Aug., 9-10, 28, 30 Oct., 11, 27, 30 Nov., 1, 5, 9 Dec. 1922, 15 Feb. (MCZ), 26 Aug. 1923, F. Steinbach, 30 Mar., 25 April, 15, 30 May, 15 June 1937, 15 Aug., 22 Sept. 1938, R. Steinbach, April 1973 (FMNH); San Martín, date? (Ingels, Parkes, & Farrand, Jr., 1981, Gerfaut, **71**:284); F. Steinbach, nearby, 15 May 1936, 15 May, 15 June 1937 (FMNH); Krieg, in vicinity of Santa Cruz and Buena Vista [1727/6340 (USBGN)], 30 July-28 Aug. 1926, with known dates of 2, 13-15, 19-20, 22 Aug., 8-9, Sept. (Laubmann, 1930:4, as "Santa Cruz de la Sierra", pp. 57, 66, 89, 106, 112, 170, 172, 181); Dott, 1969-1975 (Dott, 1986:134); Dott, between Montero [1720/6315 (USBGN)] and Santa Cruz, at 350 m, 16-25 Mar. 1975 (Dott, 1985:343); Ridgely, NW of city, 16 Mar., and S of city, 29 April 1977 (Remsen & Ridgely, 1980:70, 72); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329, as "Santa Cruz de la Sierra"); Rowlett, 2 Oct. 1982, NE along Río

Grande, 3 Oct. 1983, and Parker and Rowlett, on outskirts, 4 Oct., ca. 8 km SW, 2 Oct., and 5-10 km N, 3 Oct. 1983 (Parker & Rowlett, 1984:111); Schmitt, ca. 75 km W of city, near Santa Fe [not located] and Amboró [1737/6337 (USBGN)], 12 Mar. 1983 (Schmitt, et al., 1986:310); Glick, in city, 9 Oct., 6 Nov. 1983, 24 Mar., 9 April, 9 June 1984, and ca. 30 km N, 15 Oct. 1983, ca. 10 km S, 4 May 1985, and ca. 15 km S, 1 Jan. 1983 and 9 June 1984 (Schmitt, et al., 1986:308, 309, 310); Remsen, 1 km N and 2 km E of refinery, ca. 10 km S of city, 18 Aug. 1984 (Remsen, et al., 1987:10); Cumming, between Santa Cruz and Puesto de Pailas [1739/6248 (USBGN)], 29 Sept. 1979, Lanyon, 5 km S at 470 m, 23 Nov. 1987 (FMNH); Quintela, 5 Jan. 1986 (Remsen, et al., 1987:15).

SANTA CRUZ, DEPARTAMENTO DE 1730/6130 (USBGN)
Eastern Bolivia, bounded on N by El Beni and Brazil, on E by Brazil, on S by Paraguay and Chiquisaca, and on W by Chuquisaca and Cochabamba; Ridgely, in western part of department, Mar.-April 1977 (Lanning, 199la:357).

SANTA CRUZ DE LA SIERRA (Sclater & Salvin, 1879:591); see Santa Cruz, Santa Cruz.

SANTA ELENA; Santa Cruz ca. 1820/5950
550 m, 30 km W of Santiago de Chiquitos [Santiago, 1819/5934 (USBGN)], R. Steinbach, 11-12, 14-16 July 1973 (FMNH); not found on our maps.

SANTA ELENA, FINCA; see Finca Santa Elena.

SANTA MAGDALENA DE MOXOS (d'Orbigny, 1846:97); see Santa Magdalena.

SANTA RITA; Santa Cruz 1720/6340 (USBGN)
500 m (Remsen, et al., 1982:78); identification uncertain; there are several sites with this name in Santa Cruz; the one chosen is ca. 15 km N of Buena Vista [1727/6340 (USBGN)], the source of many specimens, and close to Buena Vista's altitude; Steinbach, 8, 15, 18 Dec. 196l (Remsen, et al., 1982:78; 1986:25, 31; 1987:8).

SANTA ROSA; Cochabamba 1652/6509 (USBGN)
ca. 300 m, in lowlands of northeastern Cochabamba, on Río Chaparé [1558/6442 (USBGN)], 5 km S of Todos Santos [1648/6508

(USBGN)] (MHA); collector? [Carriker?], date? (Bond & de Schauensee, 1942b:316).

SANTA ROSA; El Beni 1410/6653 (USBGN)
227 m (Gyldenstolpe, 1945:map); on left bank of uppermost Río Yacuma [1338/6523 (USBGN)], 55 km E of Reyes [1419/6723 (USBGN)], in central western part of department (MHA); Olalla, 14-21 Feb. 1938 (Gyldenstolpe, 1945:18, map); Harjes, July 1950, Wegener, date? (Niethammer, 1956:106, as "Santa Rosa del Yacuma", p. 120, as "Santa Rosa del Jacuma").

SANTA ROSA; La Paz 1623/6744 (USBGN)
ca. 2,000 m, in south-central La Paz, 65 km ENE of city of La Paz [1630/6809 (USBGN)] (MHA, as "Chupe"); d'Orbigny, 27 July-1 Aug. 1830 (d'Orbigny, 1839-1843, p. 431, as "Chupé"; 1846, p. 142, as "Chupé'; Sclater & Salvin, 1879:596, as "Chupé).

SANTA ROSA; Santa Cruz 1530/6059 (USBGN)
Alt.?; in northwestern part of department, ca. 100 km W of Brazilian border (MHA, as "Santa Rosa de Roca" and shown too far E); in Provincia Velasco [1530/6100 (USBGN)], Remsen, et al., nearby at 450 m, 17 June, 12 July 1984 (Remsen, et al., 1985; 1987:11, as "Santa Rosa de Roca").

SANTA ROSA, LAGUNA; La Paz 1430/long.? (Parker, et al., 1991:136)
Alt.?; along lower Río Tuiche [Río Tuichi, 1418/6835 (USBGN) or 1436/6735 (USBGN)], Parker and Justiniano, 22 May, Parker, et al., 22 June 1990 (Parker, et al., 1991:124, 136).

SANTA ROSA DE ROCA (MHA); see Santa Rosa; Santa Cruz.

SANTA ROSA DEL JACUMA (Niethammer, 1956:120); see Santa Rosa; El Beni.

SANTA ROSA DEL YACUMA (Niethammer, 1956:106); see Santa Rosa; El Beni.

SANTIAGO; Oruro Not located
Alt.?; collector?, date? (Hellmayr, 1938, Field Mus. Nat. Hist. Publ., 13, pt. 11, p. 309).

SANTIAGO; Santa Cruz 1819/5934 (USBGN)
730 m, in far southeastern Santa Cruz in Sierra de Santiago [Serranía de Santiago, 1825/5925 (USBGN)] (MHA, as "Santiago de Chiquitos"); d'Orbigny, 19-27 Sept. 1831 (d'Orbigny, 1839-1843, pp. 635-641, as "Santiago de Chiquitos"; 1846, p. 175, as "Santiago de Chiquitos"; Sclater & Salvin, 1879:601, as "Mission [Misión] de Santiago"); R. Steinbach, 10-11, 14-19, 23-27 Jan., 2-6, 8-11, 16, 18, 23-28 Feb., 2-10, 17, 23, 25-26 Mar., 2-3, 13, 16-22, 24-26, 28-30 Apr., 1-17, 19-20, 23-26, 28 May, 9-10, 13-15, 18 June, 6 July, and 12 km W at 600 m, 20-21, 25 July, and 20 km W at 580 m, 18 July 1973 (FMNH, also as "Santiago de Chiquitos" and "Santiago Chiquitos"); Krieg, en route to Puerto Saurez [1857/5751 (USBGN)] from vicinity of San José de Chiquitos [1751/6047 (USBGN)], via San Fermin [1848/5837 (USBGN)], 14 Oct.-9 Nov. 1926 (Laubmann, 1930:4); Schmitt, ca. 3 km S and 3 km W at 700 m, 16 July and Remsen, 20-21 July 1984 (Schmitt, et al., 1986:309, as "Santiago de Chiquitos"; Remsen, et al., 1986:26, as "Santiago de Chiquitos"; 1987:8, as "Santiago de Chiquitos"); Remsen and Schmitt, 24 km by road N, along Río Tucavaca [1837/5859 (USBGN)] at 175 m, 24-31 July 1984 (Remsen, et al., 1985:125; 1987:10; 1990:364); Davis 22 km NE at 300 m, 14 Oct. 1987 (FMNH); see, also, Santiago, Serranía; La Colonia; and Sansaba Chiquitos.

SANTIAGO, MISSION DE (Sclater & Salvin, 1879:601); see Santiago; Santa Cruz.

SANTIAGO, SIERRA (FMNH); see Santiago, Sierranía de.

SANTIAGO, SIERRA DE (MHA); see Santiago, Sierranía de.

SANTIAGO, SIERRANÍA DE; Santa Cruz 1825/5925 (USBGN)
1,425 m, range of low mountains, ca. 110 km long, in which is situated the town of Santiago de Chiquitos [Santiago, 1819/5934 (USBGN)], in southeastern Santa Cruz (MHA, as "Sierra de Santiago"); R. Steinbach, at 600 m, 18, 20 April, 21-22 May, 2, 20-21, 23-25, 27, 29-30 June, 1-2, 7-9 July, at 760 m, 24 May, 23, 27, 30 June, 1-2 July, at 780 m, 4, 13 May, 20, 23-24, 27, 29 June, 1-2, 6-7 July, and 5 km E at 800 m, 8 July 1973 (FMNH, as "Serranía Santiago de Chiquitos" and "Sierra Santiago"); see, also, Santiago; Santa Cruz.

SANTIAGO CHIQUITOS (FMNH); see Santiago; Santa Cruz.

SANTIAGO DE CHIQUITOS (MHA); see Santiago; Santa Cruz.

SANTIAGO DE CHIQUITOS, SERRANÍA (FMNH); see Santiago, Sierranía de.

SANTIAGOMA; Santa Cruz 1824/5936 (USBGN)
600 m (FMNH); far southwestern Santa Cruz, 8 km SW of Santiago [1819/5934 (USBGN) (MHA); R. Steinbach, 9-10, 21-23, 28-30 May, 9-10, 13-15, 19-20, 25 June 1973 (FMNH, also as "Santiagoma, Santiago Chiquitos").

SANTIBAÑEZ; Cochabamba Not located
Alt.?; northern Cochabamba, between city of Cochabamba [1724/6609 (USBGN)] and Santibañez, at 2,500 m, Cabot, 22 May 1985 (Cabot, 1991:202).

SANTO CORAZÓN; Santa Cruz 1759/5851 (USBGN)
277 m, extreme eastern Santa Cruz, 120 km from Brazilian border (MHA); d'Orbigny, 29 Sept.-10 Oct. 1831 (d'Orbigny, 1839-1843, pp. 644-653, also as "Santa Corazon de Chiquitos", and "Santo Corazon de Chiquitos"; 1846, p. 176; Sclater & Salvin, 1879:612, also as "Santa Corazón"; Papavero, 1971, *Essays on History of Neotropical Dipterology,* p. 140, as "Santo Corazón de Jesús").

SANTO CORAZON DE CHIQUITOS (d'Orbigny, 1839-1843:644-653); see Santo Corazón.

SANTO CORAZÓN DE JESÚS (Papavero, 1971: 40); see Santo Corazón.

SAPAHAQUE (Sclater & Salvin, 1879:628); see Sapahaqui.

SAPAHAQUI; La Paz 1654/6755 (USBGN)
ca. 3,700 m, 52 km SSE of La Paz [1630/6809 (USBGN)] (MHA, as "Sapahuaqui"); Buckley, 1875 (Sclater & Salvin, 1879:628, as "Sapahaque"),

SAPAHUAQUI (MHA); see Sapahaqui.

SAPECHO; La Paz Not located
Alt.?; collector?, between Palos Blanco [not located] and Sapecho, on upper Río Beni [1023/6524 (USBGN)], 27 Sept., 5 Nov. 1984 (Cabot & Serrano, 1988:188, 189).

SARA, PROVENCE DEL (Todd, 1913:170); See Gutiérrez, Provincia.

SARA, PROVINCIA (Zimmer, 1941:17); see Gutiérrez, Provincia.

SARAMPIONI (Chubb, 1919:5); see Sarampiuni.

SARAMPIUNI; La Paz 1525/6807 (USBGN)
ca. 1,000 m, western central La Paz, 15 km SSE of Mapiri [1515/6810 (USBGN)] (MHA); Simons, at 800 m, 27 Aug. 1900 (Chubb, 1919:5, as "Sarampioni").

SAUPI Not located
On Río Beni [1023/6524 (USBGN)], collector?, date? (Bond & de Schauensee, 1943:181).

SAYANI; La Paz Not located
2,600 m, camp in valley of Río Zongo [1543/6741 (USBGN)], northeastern La Paz, humid forest on steep slopes, dense second growth at bottom, Krabbe, 9-10 April 1987 (Fjeldså, 1987:34).

SAYARI, CERRO; Cochabamba Not located
4,500 m, puna, poor vegetation, Fjeldså, 12 April 1987 (Fjeldså, 1987:35; Cabot, 1991:205); probably near Sayari [Sayavi, 1742/6628 (USBGN)], SW of city of Cochabamba [1724/6609 (USBGN)], on Oruro border.

SAYAVI; see Sayari, Cerro.

SECA, LAGUNA; Potosí 2221/6516 (Hurlbert, 1978:14)
ca. 4,650 m (Hurlbert, 1978:14); extreme southern central Potosí; not indicated on our maps; extremely small lake, Hurlbert, 30 Nov. 1977 (Hurlbert, 1978:14).

SEMAIPATA (Dott, 1986:135); see Samaipata.

SEVARHUYO (MHA); see Sevaruyo.

SEVARUYO; Oruro 1926/6651 (USBGN)
3,774 m, southeastern Oruro, 15 km from southern end of Lago de Poopó [1845/6707 (USBGN)] (MHA, as "Sevarhuyo"); observer?, June 1984 (Cabot & Serrano, 1986:171); puna, plains with tussock

grass, bogs, and thick thola, Cabot, 6 Nov. 1982, 28 July 1984 (Cabot, 1991:204, 206).

SÉCURE, RÍO; Cochabamba/El Beni 1510/6452 (USBGN)
An affluent of Río Mamoré [1023/6523 (USBGN)] rising in the Yungas [1620/6645 (USBGN)] region of northeasternmost Cochabamba (MHA); d'Orbigny, from upper reaches downstream, 1-11 Aug. 1832 (d'Orbigny, 1846, pp. 215-219, as "Río Sécuri"; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 141); Hellmayr, 1942, Field Mus. Nat. Hist. Publ., **13**, pt. 1, no. 1, p. 311, as "Río Sicuré"; see, also, Isiboro-Securé, Parque Nacional.

SÉCURI, RÍO (d'Orbigny, 1846:215); see Sécure, Río.

SIBERIA (Parker & Rowlett, 1984:112); see Espizana.

SICASICA; La Paz 1722/6745 (USBGN)
3,975 m, central southern La Paz, 100 km SSE of city of La Paz [1630/6809 (USBGN)] (MHA); d'Orbigny, 17 April 1833 (d'Orbigny, 1846, p. 333; Sclater & Salvin, 1879:593); Stübel, at and in vicinity at 4,200 m, Oct.-Nov. 1876 (Menegaux, 1909:207, 225); see, also, Aroma, Provincia.

SICASICA, PROVINCIA (d'Orbigny, 1839-1843:454); see Aroma, Provincia.

SICURÉ, RÍO (Hellmayr, 1942:311); see Sécure, Río.

SIHUECAS; Cochabamba Not located
2,300 m, 120 km by road E of Cochabamba [1724/6609 (USBGN)], collector?, date? (Remsen, 1984:173); may be a misspelling.

SILALA (FMNH); see Silala, Cerro.

SILALA, CERRO; Potosí 2202/6801 (USBGN)
4,850 m, southwestern Potosí, on Chilean border (MHA); Sanborn, at 14,160 ft [4,300 m], 26 April 1924 (FMNH, also sometimes as "Silala" and "Silola"); collector?, date? (Esteban, 1951, Acta Zool. Lilloana, **12**:412, as "Silola").

SILALA, FINCA; see Finca Silala.

SILLUTINCARA, CERRO; La Paz 1617/6754 (USBGN)
Alt.?; SW of Coroico [1610/6744 (USBGN)] and adjacent to Unduavi [1619/6754 (USBGN)], NE of city of La Paz [1630/6809 (USBGN)] (MAPA); Buckley, 1875 (Sclater & Salvin, 1879:596, as "Cillutincara"); G. Garlepp, at 3,000 m, 24 Dec. 1895 - 23 Jan. 1896, with known date of 11 Jan. 1896 (Niethammer, 1953a:203, as "Cillutincara"; MCZ, as "Cillutincara"), 3 June 1896 (Berlepsch, 1912, Verh. 5th Intern. Ornith. Kongr., Berlin, 1910 (1911), p. 1110, as "Cillutincara"); collector? [Buckley?], at 12,000 ft [3,650 m], date? (Vuilleumier, 1969:599, as "Cillutincara"); see, also, Liria.

SILOLA (FMNH); see Silala, Cerro.

SIMACU; La Paz Not located
In Yungas [1620/6645 (USBGN)] region, Buckley, 1875 (Sclater & Salvin, 1876a:253, 602; USNM).

SOL, ISLA DEL; see Titicaca, Isla de.

SOLACAMA, RÍO Not located
Künzel, at 1,150 m, date? (Niethammer, 1956:107, 123).

SOLEDAD, LAGO; Oruro 1744/6722 (Hurlbert, 1978:10)
3,718 m (Hurlbert, 1978:10); near railroad station of Soledad [1746/6718 (USBGN)] and ca. 35 km NW of Oruro [1759/6709 (USBGN)], in northeastern part of department; not indicated on our maps; Hurlbert, 7 July, 27 Nov. 1976, 7 Dec. 1977 (Hurlbert, 1978:10, 12, 14); see, also, Uyuni, Salar de.

SOLOCAME, RÍO Not located
Simons, at 1,400 m, 24 Jan. 1901 (Chubb, 1919:10); apparently near Chocachaca [Choquechaca, 1616/2724 (USBGN)], where Simons said to have been from 10-29 Jan. (Chubb, 1919:10).

SONGO (Gyldenstolpe, 1930:25); see Zongo.

SOPOCACHI; La Paz Not located
3,800 m, southwestern La Paz, arid puna, Cabot, 10 Nov. 1984 (Cabot, 1991:204, 205); there are three sites in close proximity bearing this name, viz., 1709/6902 (USBGN), 1726/6856 (USBGN), and 1728/6856 (USBGN), but which is the one visited is unknown.

SORAKOCHA, LAGUNA; see Ulla Ulla, Reserva Nacional de.

SORATA; La Paz 1547/6840 (USBGN)
2,657 m, southwestern La Paz, 40 km E of Lago Titicaca [1548/6924 (USBGN)] and 10 km NW of Nevado Illampu [1550/6834 (USBGN)] (MHA); Buckley, 1875 (Sclater & Salvin, 1879:591, p. 606, as "Sorato"; Hellmayr, 1921:231); Simons, at 3,000-4,000 m, 16-17 Aug., at 3,500-3,800 m, 20-23 Oct. 1900 (Chubb, 1919:5, as "Sorato"); Olalla, 4-9, 21-30 July, 2-5, 7-8 Aug. 1938 (FMNH; Fjeldså & Krabbe, 1989:322); Peña, 12-15 Nov. 1984 (WFVZ); see, also, Illampu, Nevado.

SORATA, NEVADO DE (Sclater & Salvin, 1879:590); see Illampu, Nevado.

SORATO (Sclater & Salvin, 1879:606); see Sorata.

SUAPI; La Paz 1530/6731 (USBGN)
ca. 390 m, in Yungas [1620/6645 (USBGN)] region, on left bank of upper Río Beni [1023/6524 (USBGN)], across from Santa Ana [1531/6730 (USBGN)] and 35 km E of Guanay [1528/6752 (USBGN)] (MAPA); Buckley, 1875 (Sclater & Salvin, 1879:591); G. Garlepp, ca. 15 Feb.- ? Nov. 1895, with known specific dates of 2, 17 Sept., 18 Nov. (MCZ; Niethammer, 1953a:203; 1956: 108, 129).

SUAREZ, LAGUNA; El Beni 1448/6446 (USBGN)
230 m, southern central El Beni, 5 km SW of Trinidad [1447/6447 (USBGN)] (FMNH); not shown on maps available to us; Lanyon, 19-21 Nov. 1987 (FMNH).

SUARURO, SERRANÍA DE; Tarija 2130/6400 (USBGN)
ca. 2,000 m, range of low mountains in southeastern Tarija, SW of Villa Montes [2115/6330 (USBGN)], extending northward from Argentina border for ca. 85 km (MHA); Budin, at 1,000 m, Oct. 1924 (USNM, as "Sierra de Suaruro").

SUARURO, SIERRA DE (USNM); see Suaruro, Serranía de.

SUCHES, RÍO; see Ulla Ulla, Reserva Nacional de.

SUCRE; Chuquisaca 1902/6517 (USBGN)
2,835 m, capital of department on upper Río Cachimayo [1918/6612 (USBGN)], a headwater of Río Pilcomayo [2521/5742 (USBGN)], in northwestern corner of department (MHA); formerly called

Chuquisaca; d'Orbigny, ca. 11 Dec. 1832-10 Mar. 1833 (d'Orbigny, 1846, pp. 277-283, as "Chuquisaca"; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 142); Sclater & Salvin, 1879:591, as "Chuquisaca"); Bonelli, date? (Sclater & Salvin, 1879:629, as "Chuquisaca"); Castelnau and Deville, 16 Aug. 1846 (Hellmayr, 1917, Verh. Ornith. Ges. Bayern, **13**:108, as "Chuquisaca"); Simons, 3-12 Sept. 1901 (Chubb, 1919:5); Miller, Nov. or Dec. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 349); collector? [Miller?], on Río Cachimayo, at 8,700 ft [2,650 m], date? [Dec. 1915?] and on Río Pilcomayo, at 8,000 ft [2,450 m], date? [Dec. 1915?] (Todd, 1926, Ann. Carnegie Mus., **17**:65, as "Río Cachimayo, Sucre" and as "Río Pilcomayo, Sucre"); Dott, 11 Nov. 1974 (Dott, 1985:344; 1986:133); Nores and Yzurieta, at 2,790 m, late Oct. 1982 (Nores & Yzurieta, 1984:329); observer?, nearby, 14 July and 20 km N, 15 July 1984 (Cabot & Serrano, 1988:189); Esteban, 1951, Acta Zool. Lilloana, **12**:412, as "Sucre: Cachimayo"; Vuilleumier, 30 km from [S?] Sucre, 13 Dec. 1967 (Vuilleumier, 1969:605); collector?, 20 km NW, 27 July and 5 km E, 21 Nov. 1984 (Cabot & Serrano, 1988:188); Cabot, 30 km S at 3,000 m, fields, thorny scrub, 25 July, and 20 km "on road to Sucre from Cochabamba [1724/6609 (USBGN)]" [= ? N of Sucre], at 2,900 m, fields, thorny scrub, 25 July 1984 (Cabot, 1991:204); Fjeldså, et al., between Sucre and Río Pilcomayo, dry hills with scattered bushes, small fields, above 3,000 m, barren, and at Puente Sucre [not located] over the river, on Chuquisaca/Potosí border, at ca. 2,500 m, dry hills, scrub, cultivation, 20 April 1987 (Fjeldså, 1987:38); see, also, Peras Pampa.

SURI; La Paz 1651/6714 (USBGN)
ca. 2,000 m, southeastern La Paz, 12 km NNW of Inquisivi [1658/6710 (USBGN)] (MHA); d'Orbigny, 7 Sept. 1830 (d'Orbigny, 1839-1843, pp. 450-452; 1846, p. 147; Sclater & Salvin, 1879:600).

SURUTÚ (FMNH); see Surutú, Rio.

SURUTÚ, RíO; Santa Cruz 1724/6351 (USBGN)
A headwater of Río Yapacani [1600/6425 (USBGN)] rising SW of Buena Vista [1727/6340 (USBGN)], central western Santa Cruz (MHA); J. Steinbach, probably near Buena Vista, at 1,500 ft [450 m], 6, 8-9 (Remsen, et al., 1986:29, 31), 10 Aug. (FMNH, as "Gutiérrez [=? Prov. Gutiérrez, 1650/6355 (USBGN)], Río Surutú"), also probably near Buena Vista, 6, 11, 14 Aug., 4, 6-8, 13, 15 Sept., 1910 (Todd, 1913, Proc. Biol. Soc. Washington, **26**:170, 174, as "Río

Turutu"; 1915, Proc. Biol. Soc. Washington, **28**:170; 1916, Proc. Biol. Soc. Washington, **29**:96, 97; 1928, Ann. Carnegie Mus., **18**:336; Remsen, et al., 1986:31; 1987:14), 30 April (Todd, 1915, Proc. Biol. Soc. Washington, **28**:169), 14 June 1911 (Remsen, et al., 1986:31), 9 July 1912, 10, 18, 28 Mar., 9 (Remsen, et al., 1986:26, 29, 30, 31; 1987:14), 10 Aug. 1916 (Orfila, 1936, Hornero, **6**:220), 5 Aug. (MCZ), 18 (WFVZ), 21-23, 25, 27-28 Sept., 8, 10, 12, 16 Oct., 16 Nov. 1917 (Olrog, 1949, Acta Zool. Lilloana, **8**:212, 215; Remsen, et al., 1986:28, 29, 30, 31; 1987:13), 4 May 1919 (USNM), 7 April 1921 (MCZ), 16 (Remsen, et al., 1986:23), 17 Feb. (Remsen, et al., 1987:11), 29 Aug. 1923, 29 July, 29 Dec. 1926, 22 (FMNH), 28 Mar. (Niethammer, 1956:124), 8, 11 Oct., 17 Nov. 1927, 4 Jan. (FMNH), 12 Feb. (Remsen, et al., 1987:12), 11 April (Remsen & Traylor, 1983:97), 29 July 1928, 12, 15 (FMNH), 18, (Remsen, et. al., 1986:26), 28-29, 31 Aug. (FMNH), 10 Sept. (Remsen, et al., 1986:28), 14 Oct. 1938 (Remsen, et al., 1986:26), 9 Oct. year? (MCZ); collector? [J. Steinbach?], 8 June 1914 (FMNH); Carriker, 23 Aug. 1916 (FMNH, as "Gutiérrez, Río Surutú"); F. Steinbach, 9 Feb., 4 Aug. 1928, 14 June, 20, 28, 30 July, 2, 4-9, 12-13, 15-18, 20, 25, 28-31 Aug., 8, 10, 12, 15 (FMNH), 16 (Remsen, et al., 1986:31), 25, 27-28, 30 Sept., 8, 11-16, 27 Oct. 1938, 5 Oct., 20, 27 Nov. 1943, 12, 20-21 Nov. 1946 (FMNH, also as "Surutú"; Remsen, et al., 1985:126; 1986:24, 26); Steinbach, 10 July 1948 (Remsen, et al., 1987:11).

SUSI; El Beni 1429/6738 (USBGN)
ca. 225 m, contiguous with Rurrenabaque [1428/6734 (USBGN)], which also see, on upper middle Río Beni [1023/6524 (USBGN)] (MAPA); mixed forest and savanna, Carriker, 11-15 Sept. 1934 (Carriker, 1935:315; Bond & de Schauensee, 1942b:317).

TACACOMA; La Paz 1535/6843 (USBGN)
3,495 m, in canyon of Río Mapiri 1528/6749 (USBGN)], 20 km N of Sorata [1547/6840 (USBGN)], and 25 km from southeastern shore of Lago Titicaca [1548/6924 (USBGN)], stony and barren, thorny scrub and grass, Olalla, 12 July 1938 (MHA; Fjeldså & Krabbe, 1989:321).

TACAHUA, LAGUNA; Oruro Not located
Alt.?; large, oligotrophic lake, E of Challapata [1854/6647

(USBGN)], Fjeldså, et al., 23 April 1987 (Fjeldså, 1987:39); probably in vicinity of town of Tacahua [1852/6444 (USBGN)].

TACAMA; La Paz — Not located
2,000 m, Simons, 4 Feb. 1901 (Chubb, 1919:5).

TACAMARA, FINCA; see Finca Tacamara.

TACAMARCA, FINCA (Remsen, et al., 1987:12); see Finca Tacamara.

TACNA — Not located
d'Orbigny, date? (Sclater & Salvin, 1879:591); possibly an error for Tacna [1801/7015 (USBGN)], Peru.

TACORA — Not located
d'Orbigny, date? (Sclater & Salvin, 1879:639); Stübel, at 4,200 m, Oct.-Nov. 1876 (Menegaux, 1909:207, 213); possibly Totora [1708/6744 (USBGN)], La Paz, Totora [1724/6509 (USBGN)], Cochabama, or Totora [1749/6807 (USBGN)], Oruro, was intended.

TACUARAL; Santa Cruz — Not located
Alt.?; on Río Grande [1551/6439 (USBGN)], N of Cabezas [1846/6324 (USBGN)], J. Steinbach, 2-3 Sept. 1909 (CM); apparently S of city of Santa Cruz [1748/6310 (USBGN)]; Steinbach was also at Río Mapaiso [not located] on 3 Sept.

TAGESI (Sclater & Salvin, 1879:628); see Taquesi.

TAHUA; Oruro — Not located
On Lago de Poopó [1845/6707 (USBGN)], Créqui-Montfort, 8 June 1903 (Menegaux, 1909:220); probably Tahualluna [1830/6659 (USBGN)], 12 km S of Poopó [1823/6659 (USBGN)], was intended.

TAJESI (d'Orbigny, 1846:141); see Taquesi.

TAJZARA, LAGUNAS DE; Tarija — 2142/6502 (USBGN)
ca. 3,500 m, several very small lakes in southwestern corner of department (MHA, shown but not named); Budin, at 12,000-13,000 ft [3,650-3,950 m], June, Sept., Oct. 1924, Feb., April, May 1925 (FMNH, also as "Laguna de Taxara"; USNM, as "Laguna de Taxara"); Cicchina, Nov. 1928 (Cicchino & Emerson, 1983, Neotropica, **29**:166, as "Laguna Taxara").

TAMAMPAYA, RÍO; La Paz 1616/6713 (USBGN)
Left-bank tributary of Río Boopi [1541/6715 (USBGN] rising near Chulumani [1624/6731 (USBGN)] in the Yungas [1620/6645 (USBGN)] region; d'Orbigny, ca. 1 Aug. 1830 (d'Orbigny, 1839-1843, pp. 434; 1846, p. 143; Sclater & Salvin, 1879:597, as "Rio Tamapaya", p. 602, as "Rio Tarnampaya"); O. & G. Garlepp, 17 Oct. 1894 (Laubmann, 1930:79, as "Tanampaya"; Niethammer, 1953a:203, as "Tanampaya"); Simons, at 1,500 m, 13-14 Nov. 1900, at Chocachaca [Choquechaca, 1616/6724 (USBGN)], 10-29 Jan. 1901 (Chubb, 1919:5).

TAMAPAYA, RIO (Sclater & Salvin, 1879:597); see Tamampaya, Río.

TAMARAPE (Menegaux, 1909:208); see Tomarapi.

TAMBO; Santa Cruz ca. 1802/6425
Alt.?; extreme western Santa Cruz, ca. 10 km N of Pulquina [1806/6425 (USBGN)], in valley of Río San Isidro [Río Pulquina, 1806/6425 (USBGN)], Schmitt and Remsen, 2.5 km N at 1,500 m, 23, 25 June, 1 July 1984 (Remsen, et al., 1986:24, 30; Remsen, et al., 1990:364; Lanning, 199la:360); Schmitt, 2.5-3.8 km N, ca. 1,700 m, 4, 23 Feb. 1984 (Remsen, et al., 1986:26; 1990:364); Tambo not shown on available maps.

TAMBO PANDURO (Menegaux, 1909:225): see Panduro.

TAMBO QUEMADO; Oruro 1816/6902 (USBGN)
4,300-4,550 m (Cabot, 1991:206); western Oruro on the Chilean border (MHA); arid puna, scattered grass, Fjeldså, et al., 1 May 1987 (Fjeldså, 1987:40; Cabot, 1991:206).

TAMBO SAMA (MHA); see Sama.

TAMPA DE LA ISLA (MCZ); see Pampa de la Isla.

TANAMPAYA (Laubmann, 1930:79); see Tamampaya, Río.

TANAPACA; La Paz 1650/6738 or 1656/6736 (USBGN)
10,600-13,500 ft [3,250-4,100 m], farm in valley below Viloco [1657/6733 (USBGN)], ca. 40 mi [62 km] SE of La Paz [1630/6809 (USBGN)] (Bond & de Schauensee, 1942b:317); G. Garlepp, 20 Nov. 1904 (MCZ); Carriker, 31 Mar.-8 April 1938 (Bond & de Schauensee, 1942b:317).

TAPACAN, RÍO; Santa Cruz Not located
In Provincia Ichilo [1700/6400 (USBGN)], F. Steinbach, 12 Oct. 1942, 15 April 1945 (FMNH, also as "Río Tapacani" and "Río Tapacini"; correct spelling unknown); presumably in vicinity of Buena Vista [1727/6340 (USBGN)], where collector is known to have been for long periods.

TAPACANI, RÍO (FMNH); see Tapacan, Río.

TAPACARI; Cochabamba 1731/6636 (USBGN)
ca. 2,900 m, near center of department, 48 km SW of city of Cochabamba [1724/6609 (USBGN)] (MHA); Simons, 22-23 Mar. (Chubb, 1919:5, 39), 30 May 1901 (Sclater, Ibis, 1939, p.145).

TAPACINI, RÍO (FMNH); see Tapacan, Río.

TAPAQUILCHA; Potosí 2131/6754 (USBGN)
4,330 m, town in southwestern Potosí, 20 km from Chilean border and 165 km SW of Uyuni [2028/6650 (USBGN)] (MHA); Bridges, 15 Sept. 1845 (Bridges, 1847:28); Behn, 6 Mar. 1847 (Hellmayr, 1932, Field Mus. Nat. Hist. Publ., **29:**9, 154).

TAPERAS (MHA); see Las Taperas.

TAPERAS; Santa Cruz 1821/6328 (USBGN)
859 m, at edge of mountains in lowlands of western Santa Cruz, 75 km SSW of city of Santa Cruz [1748/6310 (USBGN)] (MHA); not to be confused with *Las* Taperas [1754/6023 (USBGN)], also in Santa Cruz, which see; Steinbach, date? (Todd, 1942, Ann. Carnegie Mus., 29:315, as "Pampas de Taperas", p. 370).

TAQUESI; La Paz 1627/6750 (USBGN)
Alt.?; at foot of Navado Taquesi [1627/6758 (USBGN)], ca. 30 km W of La Paz [1630/6809 (USBGN)]; not shown on our maps; d'Orbigny, late July 1830 (d'Orbigny, 1839-1843, p. 427, as "Tajesi"; 1846, p. 141, as "Tajesi"; Sclater & Salvin, 1879:628, as "Tagesi").

TAQUINA; Cochabamba Not located
Alt.?; F. and J. Steinbach, 1, 13, 15, 20 Dec. 1928 (FMNH).

TARABUCO; Chuquisaca 1910/6457 (USBGN)
3,340 m, central northern Chuquisaca, 34 km SE of Sucre [1902/6517 (USBGN)] (MHA); d'Orbigny, 10 Dec. 1832 (d'Orbigny, 1846, p. 273; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 142); Dott, 1970 (Dott, 1986:134); Schmitt, 4 km by road NE, 27 April 1984 (Schmitt & Schmitt, 1987:131).

TARATA; Cochabamba 1737/6601 (USBGN)
ca. 2,700 m, 25 km SE of city of Cochabamba [1724/6609 (USBGN)] and 12 km WSW of Cliza [1736/6556 (USBGN)] (ONC); d'Orbigny, 21 Oct. 1830 (d'Orbigny, 1839-1843, p. 486; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 140); Miller, Sept. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 322).

TARIJA; Tarija 2131/6445 (USBGN)
6,418 ft [1,950 m] (ONC); city near the center of the department (MHA); Budin, in vicinity at 1,900 m, Oct. 1924, at 1,900 m, May, and at 2,000 m, Dec. 1925 (USNM; Friedmann, 1945:460); Crossin, 108 km ENE at 6,400 ft [1,950 m], 14 Nov. 1972, 22-27 Feb., 118 km S at 3,200 ft [1,000 m], 9-11 Jan., 128 km S at 8,600 ft [2,600 m], 23-24, 26-27 Jan., 128 km SW at 8,600 ft [2,600 m], 21-27 Jan., 67 km E at 7,400 ft [2,250 m], 16-19 Feb., 80 km S at 6,400 ft [1,950 m] and 2,100 m, 13-18 Jan., 10-14 Feb. 1973 (FMNH; Remsen, et al., 1985:128); Dott, ca. 1974 (Dott, 1986:133); Nores and Yzurieta, at 1,866 m, late Oct. 1982 (Nores & Yzurieta, 1984:329).

TARIJA, DEPARTAMENTO DE 2130/6400 (USBGN)
Southeastern Bolivia, bounded on S by Argentina, on SE by Paraguay, and on N and W by Chuquisaca; Budin, locality?, 5,600 ft [1,700 m], Jan. (FMNH), May 1925 (USNM).

TARNAMPAYA, RIO (Sclater & Salvin, 1879: 602); see Tamampaya, Río.

TARUMÁ; Santa Cruz 1805/6327 (USBGN)
570 m, central western Santa Cruz, 45 km SSW of city of Santa Cruz [1748/6310 (USBGN)] (MHA); Steinbach, 31 Oct.-2 Nov. 1919, 13 Mar. 1920 (CM); J. Steinbach, 16 May 1938 (FMNH).

TATARENDA; Tarija 2150/6337 (USBGN)
ca. 600 m, between Aguairenda [2151/6340 (USBGN)] and Villa Ingavi [or Caiza, 2149/6334 (USBGN)], in Chaco, southeastern

Tarija, near the Argentina border (MAPA); on border between tropical forest and deciduous forest, von Hofsten, 3, 13-15, 20-21, 23-27, 30 Mar., 1, 3, 26 April, late May 1902 (Lönnberg, 1903:444, 456-471).

TATORA (FMNH); see Totora; Cochabama.

TAXARA, LAGUNA (Cicchino & Emerson, 1983:166); see Tajzara, Lagunas de.

TAXARA, LAGUNA DE (FMNH); see Tajzara, Lagunas de.

TCHILO, RÍO (Bond & de Schauensee, 1943:173); see Ichilo, Río.

TEJAMUCHI, RÍO (MHA); see Tijamuchi, Río.

TEOPONTE; La Paz 1527/6748 (USBGN)
1,450-2,425 ft [450-750 m], below Huanay [Guanay, 1528/6752 (USBGN)], on upper Río Kaka [1510/6744 (USBGN)], Carriker, 15-20 Aug. 1934 (Carriker, 1935:315, 322, 326; Bond & de Schauensee, 1942b:317); adjacent to Puerto Ballivián [1527/6749 (USBGN)]; not shown on our maps.

TERBINTO (MHA); see Terevinto.

TEREVINTO; Santa Cruz 1743/6323 (USBGN)
ca. 500 m, central western Santa Cruz, 25 km WNW of city of Santa Cruz [1748/6310 (USBGN)] (MHA, as "Terebinto"); F. Steinbach, 15 June 1937 (FMNH).

TIAGUANACO (d'Orbigny, 1846: 339); see Tiahuanacu.

TIAHUANACO (CM); see Tiahuanacu.

TIAHUANACU; La Paz 1633/6842 (USBGN)
3,854 m, southwestern La Paz, 58 km WSW of city of La Paz [1630/6809 (USBGN)], on shore at lower end of Lago Titicaca [1548/6924 (USBGN)], on Peruvian border (MHA); d'Orbigny, 4 June 1833 (d'Orbigny, 1846, pp. 339-349, as "Tiaguanaco"; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 143, as "Tiahuanaco"); semi-arid puna, stony, scrub, Cabot, 3 Sept. 1983 (Cabot, 1991:201, as "Tiawanacu"); Vasquez, 10 Feb. 1922 (CM, as "Tiahuanaco").

TIAWANACU (Cabot, 1991:201); see Tiahuanacu.

TICQUEPAYA (Bridges, 1847:29); see Tiquipaya.

TICUNGUAYA (Zimmer, 1932:9); see Ticunhuaya,

TICUNHUAYA; La Paz ca. 1528/6818 (Tate, 1926)
5,000 ft [1,500 m], two days up Río Tipuani [1527/6751 (USBGN)] from Guanay [1528/6752 (USBGN)], Tate, April 1926 (Tate, 1926); in vicinity of La Joya [1538/6819 (USBGN)]; Zimmer, 1932, Amer. Mus. Novit., no. 558, p. 9, as "Ticunguaya"; 1941, op. cit., no. 1108, p. 10, as "Tucunguaya".

TIGÜIPA; Chuquisaca 2055/6326 (USBGN)
ca. 700 m, southeastern Chuquisaca, near border with Tarija and 38 km NNE of Villa Montes [2115/6330 (USBGN)] (MHA); Schmitt, 10 km SE at 555 m in Tarija, 28 May 1979 (Schmitt & Schmitt, 1987:130); Schmitt and Cole, 10-11, 24 May 1979 (Remsen, et al., 1986:24).

TIHUANACO Not located
J. Steinbach, 10 Feb. 1922 (MCZ); possibly in vicinity of Buena Vista [1727/6340 (USBGN)], Santa Cruz, as collector known to have been there on 5 February.

TIJAMUCHI, RÍO; El Beni 1410/6458 (USBGN)
Left-bank tributary of upper Río Mamoré [1023/6523 (USBGN)], which enters it 65 km below Trinidad [1447/6447 (USBGN)] (MHA, as Río Tejamuchi"); collector?, 4 km from mouth, date? (Remsen, et al., 1990:376).

TILOTILO; La Paz Not located
Near Sandillani [1612/6754 (USBGN)] (Bond & de Schauensee, 1942b:317); Buckley, between 3,000-12,000 ft [900-3,700 m], 1875 (Sclater & Salvin, 1876b:352; USNM); see, also, Toro, Río.

TIN-TIN; Cochabamba 1801/6525 (USBGN)
2,150 m, on upper Río Mizque [1839/6420 (USBGN)], central southern Cochabamba (MHA); F. Steinbach, 18 Dec. 1932, 23, 25, 27 Nov., 15, 18, 20, 22, 24-26, 28 Dec. 1937 (FMNH).

TIPUANI; La Paz 1533/6800 (USBGN)
555 m, in western central La Paz, 28 km SW of Mapiri [1515/6810 (USBGN)] (MHA); Buckley, 1875 (Sclater & Salvin, 1879:594, as "Typuani").

TIQUINA; La Paz 1613/6852 (USBGN)
3,810 m, on southeastern shore of Lago Titicaca [1548/6924 (USBGN)], opposite Península de Achacachi [or Península de Huata, 1608/6849 (USBGN)] (MAPA); Garman, early 1875 (Allen & Garman, 1876:353).

TIQUIPAYA; Cochabamba 1721/6614 (USBGN)
ca. 9,000 ft [2,750 m], on edge of mountains, 10 km NW of city of Cochabamba [1724/6609 (USBGN)] (MHA); Bridges, ca. 1845 (Bridges, 1847:29, as "Ticquepaya").

TIRAQUE; Cochabamba 1725/6543 (USBGN)
ca. 3,500 m, ca. 45 km E of Cochabamba [1724/6609 (USBGN)] (MHA, as "Tiraque Chico" and shown too far E; ONC); F. Steinbach, 11-31 Mar. 1927, 12-14, 16-18, 24 July, 9, 14-15 Aug. 1928, 18, 25 Aug. 1929, J. Steinbach, 27 July 1927, 4-5, 10-12, 14-17, 24, 26, 29, 31 July, 5, 7-14, 16-18 Aug., 20 Nov. 1928, 17-18, 20, 23 Aug. 1929 (FMNH, also as "Cerros de Tiraque"); Carriker, including at El Juno [1718/6544 (USBGN)], which see, 26 Sept.-4 Oct. 1937 (Bond & de Schauensee, 1940:4; 1942b: 310, 317; FMNH); Olalla?, date? (Gyldenstolpe, 1945:map, as "Tiraque Chico"); observer?, nearby at ca. 3,800 m, 6 Aug. 1984 (Cabot & Serrano, 1986:172); Cabot, at 4,020 m, 1 Mar. 1984 (Cabot, 1991:205); there is another Tiraque at 1737/6504 (USBGN), but that is less prominent.

TIRAQUE, CERROS DE (FMNH); see Tiraque.

TIRAQUE CHICO (MHA); see Tiraque.

TITICACA, ISLA DE; La Paz 1601/6910 (USBGN)
ca. 3,850 m, small island (also known as Isla del Sol) to NW of Copacabana [1610/6905 (USBGN)] at southeastern end of Lago Titicaca [1548/6924 (USBGN)] (MHA); Garman, early 1875 (Allen & Garman, 1876:354, as "Titicaca Island"); see, also, Yampupata.

TITICACA, LAGO; La Paz 1548/6924 (USBGN)
3,812 m, world's highest large lake, on Bolivia/Peru border (MHA);

d'Orbigy, 4-13 June 1833 (d'Orbigny, 1846, pp. 336-358, as "Chucuito"; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 143); Garman, at southeastern end, 1 Jan.- 5 Mar. 1875 (Allen & Garman, 1876:349); Rusby, where?, Aug. 1885 (Allen, 1889:107); Stübel, where?, Dec. and on western side [=Peru?] at 3,800 m, Dec.1876 (Menegaux, 1909: 219, 226); Créqui-Montfort, where?, 4 April, 15, 18 July 1903 (Menegaux, 1909:221, 222, 225); Ridgely, on SE shore, 10 Mar. and presumably in same area 27 Jan. 1977 (Remsen & Ridgely, 1980:70; Dott, 1985:343); collector?, N of lake, Dec. 1982 (Cabot & Serrano, 1986:171); see, also, Achacachi; Carapata; Guicha; Tiahuanacu; Titicaca, Isla de; Tiquina; Vincocaya; etc.

TITICACA ISLAND (Allen & Garman, 1876:354); see Titicaca, Isla de.

TIWANACU; La Paz Not located
Alt.?; observer, Sept. 1984 (Cabot & Serrano, 1986:171).

TODOS SANTOS; Cochabamba 1648/6508 (USBGN)
ca. 300 m, in lowlands of northeastern Cochabamba, on upper Río Chaparé [1558/6442 (USBGN)] (MHA); Cherrie, 24 Feb., 10-15 Mar. 1915 (Cherrie, 1916, Bull. Amer. Mus. Nat. Hist., **35**:391-393, 395; FMNH); Becker, 17 Mar. 1915 (FMNH); Miller and Boyle, 27 July 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 297; Chapman, 1919a:259); virgin forest [1937], Carriker, 31 July-12 Aug., 6-11 Sept. 1937 (Bond & de Schauensee, 1941:4; 1942b:317); Steinbach, 4, 8, 12, 27 Mar., 20 April 1956 (Remsen, et al., 1985:127; 1986:24, 28); Dott, 1969-1975 (Dott, 1986:135).

TOJO; Potosí 2146/6519 (USBGN)
Alt.?; in southeastern corner of department, 60 km SE of Tupiza [2127/6543 (USBGN)] (MHA); Davis, at 2,600 m, 10 km N on Río San Juan de Oro [Río San Juan, 2102/6519 (USBGN)], 28 Aug. 1987 (FMNH),

TOLEDO; Oruro 1810/6725 (USBGN)
ca. 3,700 m, 37 km SW of city of Oruro [1759/6709 (USBGN)] in northeastern part of department (MHA); puna, salt flat, Cabot, 18 Aug. 1984 (Cabot, 1991:203).

TOLOMOSA; Tarija 2135/6446 (USBGN)
ca. 1,700 m, western central Tarija, 12 km SSE of city of Tarija

[2131/6445 (USBGN)] (MHA); von Hofsten, 31 Jan., 8 Feb. 1902 (Lönnberg, 1903:453-454).

TOMARAPI; Oruro 1801/6854 (USBGN)
ca. 4,000 m, in northwestern corner of department, 10 km N of Nevado de Sajama [Nevado Sajama, 1806/6854 (USBGN)] (MHA, as "Tamarape"); Stübel, Oct.-Nov. 1876 (Menegaux, 1909:208, 217, as "Tamarape").

TOMBS; see Playa Verde.

TOMINA; Chuquisaca 1911/6430 (USBGN)
2,071 m, central northern Chuquisaca, 17 km NW of Padilla [1919/6420 (USBGN)] at headwater of Río Tomina [1839/6429 (USBGN)] (MHA); heavy, thorny growth, rocky and arid, Carriker, 21-30 Dec. 1937 (Bond & de Schauensee, 1942b:317).

TONCOMA; Cochabamba ca. 1715/6620 (Gyldenstolpe, 1945:map)
3,200-3,250 m, ca. 35 km NW of Cochabamba [1724/6609 (USBGN)], S of Ucho Ucho [ca. 1712/6620 (Gyldenstolpe, 1945:map)], rainy, dense scrub, Olalla, 1-12 Dec. 1938 (Fjeldså & Krabbe, 1989:322; Remsen, et al., 1990:372).

TORO, RIO; La Paz Not located
Buckley, 1875 (Sclater & Salvin, 1879:591, as "Rio Toro, Tilotilo [not located]"); probably NE of La Paz [1630/6809 (USBGN)]; also see Tilotilo.

TOROCHITO; Cochabamba Not located
In Provincia Mizque [1755/6530 (USBGN)], eastern central Cochabamba, Garlepp?, date? (Hellmayr, 1921:184).

TOTORA; Cochabamba 1742/6509 (USBGN)
2,603 m, in central Cochabamba, and 25 km WSW of Pojo [1745/6449 (USBGN)] (MHA); d'Orbigny, late Oct. 1830 (d'Orbigny, 1839-1843, pp. 493-495; 1846, p. 155; Sclater & Salvin, 1879:603); F. Steinbach, 5, 10, 12, 14-15 Nov. 1926 (FMNH, also as "Tatora"); Nores and Yzurieta, at 2,789 m, late Oct. 1982 (Nores & Yzurieta, 1984:329); Cabot, 22 June 1985 (Cabot, 1991:202); "Totora" is also the name of dense reed beds along the shore of Lago Titicaca [1548/6924 (USBGN)]; see, also, Tacora and Totoral.

TOTORA; Oruro 1749/6807 (USBGN)
4,061 m, central northern Oruro, 15 km WNW of Huayllamarca [1751/6800 (USBGN)] and 111 km WNW of city of Oruro [1759/6709 (USBGN)] (MHA); d'Orbigny, 6-7, 11 April 1833 (d'Orbigny, 1846, pp. 322-323, 330; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 142).

TOTORAL; Cochabamba Not located
8,400 ft [2,250 m], F. Steinbach, 10 Nov. 1926; presumably the same as Totora [1742/6509 (USBGN)], where Steinbach was on same date; see Totora, Cochabama.

TOTORAL, LAGUNA; Potosí 2232/6717 (Hurlbert, 1978:9)
4,555 m, small lake of 1 km^2 (Hurlbert, 1978:9); in extreme southwestern Potosí, short distance E of Salar de Challviri [2232/6734 (USBGN)] (ONC, shown but not named); Hurlbert, 14 Dec. 1975, 1 Feb. 1979 (Hurlbert, 1978:9; 1981:6; Hurlbert & Keith, 1979:331).

TRES ARROYAS (Todd, 1922:203); see Tres Arroyos.

TRES ARROYOS; Cochabamba Not located
Near Espirítu Santo [1705/6538 (USBGN)], central Cochabamba, Cherrie, 22-24 Feb. 1915 (FMNH; Todd, 1922, Proc. Biol. Soc. Washington, **35**:203, as "Tres Arroyas, Espirito [sic] Santo").

TRIGAL (Niethammer, 1953a:201); see El Trigal.

TRINIDAD; El Beni 1447/6447 (USBGN)
235 m, southern central El Beni, on right bank of upper Río Mamoré [1023/6523 (USBGN)] (MHA); d'Orbigny, 22 April-10 May, 15 Aug. 1832 (d'Orbigny, 1846, pp. 141-143, 251, also as "Trinidad de Moxos"; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 141); Rusby, 188? (Allen, 1889:84); identification of Rusby site not certain; Cherrie, 11, 21-23 Mar. 1915 (FMNH); Olalla, ca. 7-13 Mar. 1938 (Gyldenstolpe, 1945:18); Dott, 6 Dec., and nearby, 5 Dec. 1974 (Dott, 1984:105; 1985:343; 1986:134); Schmitt, 6 km by road SE at 175 m, 26-30 Oct., and 38 km by road W at 175 m, 16-21 Oct. 1984 (Schmitt & Schmitt, 1987:130, 131, 132); observer?, nearby, 5 April 1982, and 65 km E at junction of Río Matos [1407/6525 (USBGN)] and San Borja [1449/6651 (USBGN)]/San Ignacio [1453/6536 (USBGN)] road, 16, 19 June, 1985 (Cabot & Serrano, 1986:172); Lanyon,

Castillo, and Willard, 10 km SW at 230 m, 20-21 Nov. 1987 (FMNH); see, also, Suarez, Laguna.

TRINIDAD; Santa Cruz 1727/6059 (USBGN)
ca. 300 m, eastern Santa Cruz, 50 km NW of San José de Chiquitos [1751/6047 (USBGN)] (MHA); Krieg, 29-30 Sept. 1926 (Laubmann, 1930:191, 283).

TRINIDAD DE MOXOS (d'Orbigny, 1846:141); see Trinidad; El Beni.

TUCABACA (MHA); see Tucavaca (1).

TUCABACA, VALLE (FMNH); see Tucavaca (2).

TUCABACA, VALLE DE (FMNH); see Tucavaca (2).

TUCACHACA; Cochabamba Not located
J. Steinbach, 17? Nov. 1921 (MCZ).

TUCAVACA; Santa Cruz (1) 1836/5855 (USBGN)
135 m, southeastern Santa Cruz, 75 km NW of Puerto Suarez [1857/6641 (USBGN)] and 78 km ESE of Santiago [1819/5934 (USBGN) (MHA, as "Tucabaca"); Krieg, 27 Oct. 1926 (Laubmann, 1930:66, as "Tucabaca"); see, also, Tucavaca (2).

TUCAVACA; Santa Cruz (2) 1845/6045 (USBGN)
1,200 ft [350 m], south-central Santa Cruz, 118 km SSW of San José de Chiquitos [1751/6047 (USBGN)] and 150 km SW of Santiago [1819/5934 (USBGN)] (ONC; MHA); R. Steinbach, at 650 m, 5, 8-10, 13, 15 April 1973 (FMNH, as "Tucabaca Chiquitos","Tucabaca Santiago Chiquitos", "Valle Tucabaca", "Valle de Tucabaca", and "Valle del Tucabaca Chiquitos"); identification uncertain because of the various names that have been associated with "Tucabaca"; "Chiquitos" probably refers to Provincia Chiquitos [1800/6000 (USBGN)]; these records may pertain to the Tucavaca [1836/5855 (USBGN)] farther E; see Tucavaca (1).

TUCAVACA, RÍO; see Santiago.

TUCUBACA CHIQUITOS, VALLE DEL (FMNH); see Tucavaca (2).

TUCUBACA SANTIAGO CHIQUITOS (FMNH); see Tucavaca (2).

TUCUNGUAYA (Zimmer, 1941:10); see Ticunhuaya.

TUJIMA (Chapman, 1921:2, as "Tujima"); see Tujma.

TUJINA (Naumberg [sic], 1925:421); see Tujma.

TUJMA; Cochabamba ca. 1752/6518 (MAPA)
8,200 ft [2,500 m] (Chapman, 1921:2, as "Tujima"); 8 km N of Mizque [1756/6519 (USBGN)] on Río Tujma [1754/6517 (USBGN)], south-central Cochabamba (MAPA); Miller and Boyle, 24-25 Sept. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 327; Chapman, 1921:2, as "Tujima"; 1923:11; Naumberg [sic], 1925:421, as "Tujina").

TUMI CHUCUA; El Beni 1108/6610 (Pearson, 1975a:96)
176 m, in northern corner of department, ca. 20 km S of Riberalta [1059/6606 (USBGN)], Pearson, 14 Sept.-15 Nov. 1972 (Pearson, 1975a:96; 1980:274); Remsen, 4-23 Nov., 29 Dec. 1976-15 Jan. 1977 (Remsen & Ridgely, 1980:70, 71); Manareco, 18 Nov. 1977 (DiCostanzo, 1978, Bird-banding, **49**:248).

TUMULA, CERRO; see Yura.

TUMUPASA; La Paz 1409/6755 (USBGN)
437 m, on lower slopes of northern central La Paz, 90 km NE of Apolo [1443/6831 (USBGN)] (MHA); Parker, et al., 25 km S, date? (Parker, et al., 1991:132, as "Tumupassa").

TUMUPASSA (Parker, et al, 1991:132); see Tumupasa.

TUMUSLA, CERRO (Menegaux, 1909:206); see Yura.

TUNAMA; Santa Cruz 1828/5923 (USBGN)
ca. 500 m, eastern Santa Cruz, 175 km NW of Puerto Suarez [1857/5751 (USBGN)] (MHA, as "Tuname"); Krieg, 24 Oct. 1926 (Laubmann, 1930:88).

TUNAME (MHA); see Tunama.

TUNARI, PARQUE NACIONAL; Cochabamba Not located
3,000 m, 12 km NE of city of Cochabamba [1724/6609 (USBGN)], in mesothermic valley, Cabot, 14 April 1984, 4 May 1985 (Cabot, 1991:202); collector?, 20 km NE of Cochabamba at 3,000 m and 25

km NE of Cochabamba at 3,300 m, dates? (Remsen, et al., 1990:374); Cabot, 14 km NE of Cochabamba, at 4,200 m, puna, tussock grass, 17 Nov. 1985 (Cabot, 1991:205); park does not appear on our maps; presumably in Cordillera del Tunari [1719/6610 (USBGN)]; Fjeldså and Krabbe, on brushy slopes between 2,800-3,500 m and in Eucalyptus plantings and tall grass with *Polylepis* between 3,500-3,800 m, 15 April 1987 (Fjeldså, 1987:36).

TUPIZA; Potosí 2127/6543 (USBGN)
ca. 3,300 m, eastern central Potosí, on Río Tupiza [2131/6540 (USBGN)], S of Oploca [2120/6546 (USBGN)] (MHA); collector? [Carriker ?], date? (Bond & de Schauensee, 1942b:318).

TURUTU, RÍO (Todd, 1913:170); see Surutú, Río.

TUSIQUAYA; La Paz? Not located
Alt.?; in the Yungas [1620/6645 (USBGN)] region, collector? [Garlepp?] (Hellmayr, 1921:268).

TUTIMAYO; Cochabamba Not located
10,500 ft [3,200 m], near Cochabamba [1724/6609 (USBGN)], Carriker, 2-10 Mar. 1932 (Bond & de Schauensee, 1942b:318); F. Steinbach, 28 July, 1, 10 Aug. 1937 (FMNH).

TYPUANI (Sclater & Salvin, 1879:594); see Tipuani.

UCAYALI; El Beni Not located
900 ft [275 m], on Río Mamoré [1023/6523 (USBGN)], F. Steinbach, 12 Nov. 1942 (FMNH).

UCHO UCHO; Cochabamba ca. 1712/6620 (Gyldenstolpe, 1945:map)
3,500 m, short distance S of Lanza Pacana [ca. 1710/6620 (Gyldenstolpe, 1945:map)] and ca. 40 km NW of Cochabamba [1724/6609 (USBGN)], cloudy, rainy, cultivation, Olalla, at 4,270-4,520 m, 16-20 Dec. 1938 (Gyldenstolpe, 1945:map; Fjeldså & Krabbe, 1989:322); also see Lanza Pacana.

ULLA-ULLA (Serrano, 1985); see Ulla Ulla, Reserva Nacional de.

ULLA ULLA, RESERVA NACIONAL DE; La Paz ca. 1455/6912 (Ribera & Hanagarth, 1982:40)

3,000-5,800 m, reserve of 240,000 ha, ca. 160 km NW of city of La Paz [1630/6809 (USBGN)], on Peruvian frontier with town of Ulla Ulla [1503/6916 (USBGN) about in middle of southwestern border and Pelechuco [1448/6904 (USBGN)] close to northeastern corner, ranging from subtropical forest to puna and tundra, Ribera and Hanagarth, Sept. 1980-Jan. 1981, April-May 1981 (Ribera & Hanagarth, 1982); Serrano and Cabot, Nov. 1981-June 1982, Sept.-Nov. 1982, including at Laguna Sorakocha [not located], Laguna Cañahuma [1506/6909 (USBGN)], and Cotapampa [not located], and at 4,700 m, 1982-83, with known dates of 8 Dec. 1981, 21 Jan., 20 April, 2, 20 Nov., 13 Dec. 1982, 19 Feb. 1983, 13 Feb., 23 Sept. 1984 (Serrano, 1985, as "Ulla-Ulla"; Serrano & Anderson, 1986:180; Serrano & Cabot, 1988, as "Reserva Ulla Ulla" and "Laguna Cañuma"; Cabot & Serrano, 1988:190; Cabot, 1991:205, as "Ulla-Ulla"); observer?, at 4,400 m on Río Suches [1458/6923 (USBGN)], ca. 100 km N of Lago Titicaca [1548/6924 (USBGN)], 27 May 1982 (Cabot & Serrano, 1986:172); Cabot, at 4,600 m, 22 July 1982 (Cabot, 1991:201); Serrano and Anderson, along Río Suches, Sept.-Oct. 1982 (Serrano & Anderson, 1986:180; Cabot & Serrano, 1988:188).

ULLOMA; La Paz 1730/6832 (USBGN)

ca. 4,000 m, central southern La Paz, 117 km SSW of city of La Paz [1630/6809 (USBGN)] and 32 km S of Corocoro [1712/6829 (USBGN)] (MHA); Vuilleumier, on Río Caranguillas [1731/6827 (USBGN)], 7 km S of Ulloma, 12-14 Oct. 1967 (Vuilleumier, 1969:607).

UMALA; La Paz 1724/6758 (USBGN)

Alt.?; southwestern La Paz, 17 km SW of Patacamaya [1714/6755 (USBGN)] and 10 km N of Río Desaguadero [1824/6705 (USBGN)] (MHA, where shown several degrees too far W); Fjeldså, et al., on road between Umala and river, sparse vegetation, 28 April 1987 (Fjeldså, 1987:40).

UMASUYOS; La Paz Not located

Gilmore, 27 Nov. 1942 (USNM); presumably NW of La Paz [1630/6809 (USBGN)], in vicinity of Achacachi [1630/6843 (USBGN)], where Gilmore was on same date.

UNCIA; Potosí 1827/6637 (USBGN)
12,395 ft [3,800 m] (ONC); 13,100 ft [4,000 m] (Bond & de Schauensee, 1942b:318); 3,921 m (MAPA); eastern central Potosí, 40 km ESE of Poopó [1823/6659 (USBGN)] and 8 km S of Cataví [1824/6636 (USBGN)] (MHA); Carriker, at two lakes, ca. 10 mi [16 km] SE, 14 May 1936 (Bond & de Schauensee, 1942b:318).

UNDUAVI; La Paz 1619/6754 (USBGN)
ca. 3,000 m, 35 km NE of La Paz [1630/6809 (USBGN)] (MHA); Buckley, 1875 (Sclater & Salvin, 1879:628); O. & G. Garlepp, at 3,500 m, 29 May-12 June, with known date of 7 June, and from 3-14 Sept. 1896 (Berlepsch, 1901:91; Niethammer, 1953a: 204); O. Garlepp, 28, 31 July 1897 (Niethammer, 1953a:204; J Heindel, et. al., 17 Aug. 1979 (Parker, Remsen, & Heindel, 1980:160); collector?, 3 km NE at 3,400 m, date? (Remsen, 1981:1069); Peña, between Coroico [1610/6744 (USBGN)] and Unduavi, 20-23 Nov. 1984 (WFVZ); see, also, Hichuloma [1618/6754 (USBGN)].

UQUINA Not located
Alt.?; Künzel, date? (Niethammer, 1956:146).

URKUPIÑA, LAGUNA; Cochabamba ca. 1728/6617
2,500 m, 4 km S of Quillacollo [1726/6617 (USBGN)], central western Cochabamba, mesothermic, thorny scrub, cactus, Cabot, May, 23 July, Oct. 1985 (Cabot & Serrano, 1988:188; Cabot, 1991:202).

URMIRI; Oruro 1834/6654 (USBGN)
ca. 3,700 m, adjacent to Pazña [1836/6655 (USBGN)] and at southeastern end of Lago de Poopó [1845/6707 (USBGN)] (MHA); Créqui-Montfort, at "Chemin de Pazña at Urmiri", 14 June 1903 (Menegaux, 1909:214).

URU URU, LAGO; Oruro 1805/6706 (Hurlbert, 1978:10)
3,695 m (FMNH); large lake S of Oruro [1759/6709 (USBGN)] and W of Machacamarca [1810/6702 (USBGN)], connecting with Lago de Poopó [1845/6707 (USBGN)] (ONC, shown but not named); Pearson, 12 Sept. 1972 (Pearson. 1975a:97); Hurlbert, 5-6 July, 26-27 Nov. 1976, 7 Dec. 1977 (Hurlbert, 1978:10, 12, 14); Remsen, 29 Jan. 1977 (Remsen & Ridgely, 1980:70); Rowlett and Ridgely, nearby, 25 Oct. 1975, Rowlett and Ridgely, 25 Oct. 1979, and Parker and Rowlett, 16 Oct. 1983 (Parker & Rowlett, 1984:111, 112); Davis, 17 Aug. 1987 (FMNH); Cabot, between Oruro and

Lago Uru Uru, at 3,700 m, puna, humid salt plain, 17-18 Aug. 1984 (Cabot, 1991:203, 206).

UYUNI; Potosí 2028/6650 (USBGN)
3,669 m, on southeastern side of Salar de Uyuni [2020/6742 (USBGN)], 16 km WSW of Pulacayo [2025/6641 (USBGN)] (MHA); Simons, 1-2 Nov. 1901 (Chubb, 1919:6; Lowe, Bull. Brit. Ornith. Club, **41**:109); Carriker, 29 Jan.-5 Feb. 1938 (Bond & de Schauensee, 1942b:318).

UYUNI, SALAR DE; Potosí/Oruro 2020/6742 (USBGN)
11,985 m [3,650 m] (ONC); very large salt flat occupying much of northwestern Potosí and a small area of southern Oruro (MHA); Hurlbert, at pond W of Uyuni [2028/6650 (USBGN)] at 3,660 m, 29 Nov. 1976 (Hurlbert, 1978:12).

VACAS; Cochabamba 1732/6535 (USBGN)
3,650 m (MAPA); in mountains of central Cochabamba, 65 km SE of city of Cochabamba [1724/6609 USBGN)] and 28 km E of Punata [1733/6550 (USBGN)] (MHA); G. Garlepp, late Aug. (Niethammer, 1953a:201), 8 Sept. 1890 (Berlepsch, 1901:94); J. Steinbach, June 1920, 24, 29 Nov., 2, 5 Dec. 1921, 28 May 1922, 15 Mar. 1939, 26 Mar. 1938; F. Steinbach, 5, 8 Jan., 7, 10, 15, 17, 28 Feb., 16 Aug. 1927, 15, 20 Sept. 1936, 12, 25, 28 Sept., 12, 15-16, 24, 28 Aug., 23 Nov. 1937, 15, 18, 25-26 Mar., 2 Oct. 1938, 16 Feb., 5, 10, 15 Mar., 5 May, 23 Sept. 1939 (FMNH).

VALENCIA; La Paz 1640/6802 (USBGN)
3,000 m, cultivated fields and spiny vegetation, ca. 30 km S of La Paz [1630/6809 (USBGN)], collector?, 6 Mar. 1983 (Cabot & Serrano, 1986:170); not indicated on our maps.

VALLE (FMNH); see Cochabamba.

VALLE DE COCHABAMBA (FMNH); see Cochabamba.

VALLE DE HOLGUIN; Santa Cruz 1818/6410 (USBGN)
ca. 1,600 m, NW of Valle Grande [1829/6406 (USBGN)] and ca. 35 km SSW of Samaipata [1809/6352 (USBGN)], southeastern Santa Cruz (MAPA); G. Garlepp, 8 June, 8 July 1890 (Niethammer,

1953a:201, as "Holguin" and "Olgin"); collector? [Garlepp?], date? (Todd, 1926, Ann. Carnegie Mus., 17:48, as "Holguin"; Hellmayr, 1921:238, as "Holgoin").

VALLE GRANDE; Santa Cruz 1829/6406 (USBGN)
2,240 m, town near western edge of department, 127 km SW of city of Santa Cruz [1748/6310 (USBGN) (MHA); d'Orbigny, 30 Oct.-ca. 4 Nov. 1830, 25-30 Nov. 1832 (d'Orbigny, 1839-1843, pp. 501-509; 1846, pp. 222-223, 261-264, also as "Jesús del Valle Grande"; Sclater & Salvin, 1879:591); G. Garlepp, May-June 1890 (Niethammer, 1953a:201); F. Steinbach, 10 Sept. 1926 (FMNH); Olalla?, date? (Gyldenstolpe, 1945:map); Wells, 1979 and ? (Wells, 1981, as "Valle Gronde"); collector?, 17-18 Nov. 1988 (Cabot & Serrano, 1988:188).

VALLE GRONDE (Wells, 1981); see Valle Grande.

VALLECITO, RANCHO; see Rancho Vallecito.

VANIMAYO, RÍO; Cochabamba Not located
In Yungas de Totora [=? Totora, 1742/6509 (USBGN)], 30 km N of Monte Punco [not located], collector?, 30 km N at 800 m, date? (Remsen, et al., 1982:77; Remsen, 1984:166).

VENTANILLA; Potosí Not located
Alt.?; on altiplano NW of city of Potosí [1935/6545 (USBGN)]; Fjeldså, et al., between Chullpakasa [1924/6558 (USBGN)] and Ventanilla, 3,700-4,100 m, dry puna, 22 April 1987 (Fjeldså, 1987:39).

VERDE, LAGUNA; Potosí 2248/6749 (USBGN)
4,315 m (Hurlbert, 1978); small lake 5 km NE of Volcán [Cerro] Licancábur [2250/6753 (USBGN)], in southwestern corner of department, on Chilean border (MHA); Peña, 11 July (Peña, 1961:22; WFVZ), 29 Dec. 1957 (FMNH); Hurlbert, on E side, 13 Dec. 1975, 18 July, 11 Dec. 1976, 3 Dec. 1977, 19 July 1980, 20 Jan. 1983 (Hurlbert, 1978:9, 11, 13, 14; 1981:9; Hurlbert & Keith, 1979:381; Hurlbert, et al., 1984:50); Vuilleumier, Nov. 1982 (Dott, 1985:344).

VERMEJO (Miller, 1918:337); see Bermejo, Santa Cruz.

VERSALLES; El Beni 1300/6250 (Parker, et al., 1991:121)
Alt.?; village on Río Iténez [or Rio Guaporé, 1154/6501 (USBGN)]

on Brazilian frontier, south-central eastern El Beni, Cuello, 21 July 1964, and Parker, et al., 16-17 June and 2 km W of Versalles, 20-22 Aug. 1990 (Parker, et al., 1991:121, 122, 124, 125, 134); not shown on maps available to us.

VIACHA; La Paz 1639/6818 (USBGN)
3,851 m, 25 km SW of city of La Paz [1630/6809 (USBGN)] (MHA); d'Orbigny, 18 April 1833 (d'Orbigny, 1864, p. 335; Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 142); F. Steinbach, 1-2 Sept. 1941 (FMNH, as "Ingavi [1638/6816 (USBGN)], Viacha"), 10 Sept. 1947 (FMNH); observer?, 6 Mar. 1984 (Cabot & Serrano, 1988:190).

VÍBORA (MHA); see Montero.

VICTORIA; El Beni (Gyldenstolpe, 1941:3); see Victoria; Pando.

VICTORIA; Pando 1059/6610 (USBGN)
172 m (Gyldenstolpe, 1941:5); 3 km from left bank of Río Beni [1023/6524 (USBGN)] and 9 km from confluence of Río Madre de Dios [1058/6609 (USBGN)]; not on our maps; virgin forest, some swampy areas, high grass, brush, etc., Olalla, 27 Sept.-14 Nov. 1937 (Gyldenstolpe, 1941:3, as "Victoria, Dept. Beni", pp. 5, 7, 9; 1945:12-13, map).

VILA VILA; Cochabamba 1758/6535 (USBGN)
2,450 m, southwestern Cochabamba, 52 km SSE of Punata [1735/6550 (USBGN)] (MHA); in dry valley, some cultivation, Olalla, 12-13 Jan. 1939 (Gyldenstolpe, 1945:map; Fjeldså & Krabbe, 1989:322; Lanning, 1991b:369); in the first edition of this gazetteer (Paynter, et al., 1975:67) these records were assigned, probably erroneously, to nearby Villa Eufronio Viscarra [1759/6536 (USBGN)].

VILLA ABECIA; Chuquisaca 2100/6523 (USBGN)
2,309 m (Nores & Yzurieta, 1984:329); on PanAmerican Highway in extreme southwestern corner of department (MAPA -II); Dott, ca. 1974 (Dott, 1986:133); Nores and Yzurieta, late Oct. 1982 (Nores & Yzurieta, 1984:329).

VILLA ALOTA; Potosí Not located
3,800 m, in Provincia Nord-Lipez [Nor Lípez, 2020/6750 (USBGN)], in vicinity of Salar de Uyuni [2020/6742 (USBGN)],

western Potosí, collector?, 7 Nov. 1982 (Cabot & Serrano, 1988:189).

VILLA ANTOFOGASTA; Santa Cruz Not located
Alt.?; in central western Santa Cruz, N of Buena Vista [1727/6340 (USBGN)], Dott, 1969-1975 (Dott, 1986:135).

VILLA BUSCH; Santa Cruz Not located
Alt.?; central western Santa Cruz, NW of Buena Vista [1727/6340 (USBGN)], Dott, 1969-1975 (Dott, 1986:135).

VILLA DE LANZA (d'Orbigny, 1839-1843:442); see Irupana.

VILLA EUFRONIO VISCARRA (Paynter, et al., 1975:67); see Vila Vila.

VILLA IMPERIAL; Santa Cruz Not located
Alt.?; ca. 75 km W of Santa Cruz [1748/6310 (USBGN)] in vicinity of Amboró [1737/6337 (USBGN)], Schmitt, 20 July 1984 (Schmitt, et al., 1986:310).

VILLA INGAVI; Tarija 2149/6334 (USBGN)
ca. 500 m, southeastern Tarija at base of mountains and edge of the Chaco, 125 km ESE of Tarija [2131/6445 (USBGN)] and 20 km N of Argentina border (MHA, as "Caiza"); Borelli, Feb. 1890, Feb. 1894, Jan.-April 1896 (Salvadori, 1897:1, 3-4, 7, 18, 25, as "Caiza"); Steinbach, Oct. 1915 (CM, as "Caiza").

VILLA MONTES; Tarija 2115/6330 (USBGN)
ca. 500 m, on N bank of upper Río Pilcomayo [2521/5742 (USBGN)] at base of mountains and edge of Gran Chaco, southeastern Tarija (MHA); USBGN cites same coordinates for both San Francisco and Villa Montes, without noting that San Francisco is obsolete; MHA shows only Villa Montes; Borelli, Nov.-Dec. 1895, Nov.-Dec. 1896 (Salvadori, 1897:1, 3-5, as "San Francisco"); Hermann, 21 Nov. 1906 (Neumann, 1931, Mitt. Zool. Mus. Berlin, **17**:443); J. Steinbach, 7 Oct. 1915 (Todd, 1917:5); Krieg, 6[?] April-10 June 1926, with known dates of 25 Mar.[?], 3, 8-17, 19-20, 22, 24-28 April, 1-8, 10-18, 20, 23-26, 29-30 May, 2-3 June (Laubmann, 1930:4, 66, 82, 84, 85, 86, 96, 97, 99, 100, 101, 106, 111, 120, 121, 123, 129, 130, 148, 152, 154, 159, 167, 175, 178, 196, 198, 205, 211, 234, 237, 266, 309); Kiefer, 10 April 1926 (Laubmann, 1933, Verh. Ornith. Ges. Bayern, **20**:160); Carriker, 29 Oct.-9 Nov. 1936 (Bond & de Schauensee, 1940:2; 1941:5; 1942b:318); Dott, at 380 m,

6 Nov. 1974 (Dott, 1984:106; 1985:343; 1986:133); Ridgely, 3-4 May 1977 (Remsen & Ridgely, 1980:69, 72); Schmitt and Cole, in vicinity, 27 April-10 May 1979 (Schmitt & Cole, 1981); Nores and Yzurieta, at 383 m, late Oct. 1982 (Nores & Yzurieta, 1984:329); Davis, 55 km SW, at 750 m, 10 Sept. 1987 (FMNH).

VILLA SERRANO; Chuquisaca 1906/6422 (USBGN)
2,180 m, central northern Chuquisaca, 22 km N of Padilla [1919/6420 (USBGN)] (MHA, as "El Pescado"); d'Orbigny, early Dec. 1832 (Papavero, 1971, *Essays on History of Neotropical Dipterology,* Vol. 1, p. 142); Miller, ca. Nov. 1915 (Miller, 1918, *In the Wilds of S. Amer.*, p. 345, as "Pescado").

VILLA TUNARI; Cochabamba ca. 1657/6524 (MAPA)
400 m (Remsen, et al., 1986:28); on slopes of cordillera, on Río Chaparé [1558/6442 (USBGN)], ca. 90 km NE of city of Cochabamba [1724/6609 (USBGN)] (MAPA); Steinbach, 23-30 Nov., 2-3 Dec. 1960 (Remsen, et al., 1986:23, 18; 1987:12); Vuilleumier, ca. 75 km from [NE of] Cochabamba on road to Villa Tunari, at 4,200 m, and also on same road ca. 94 km from Cochabamba, at 3,480 m, 4 Jan. 1968 (Vuilleumier, 1969:602); Dott, 1969-1975 (Dott, 1986:134); Lanyon, 19 Oct. 1974, Dott, nearby at 290 m, 18 Oct. 1974 and 20 Feb. 1975 (Dott, 1985:344); Ridgely, 19-20 Jan., and SW of Villa Tunari, at ca. 1,800 m, 20 April 1976, at ca. 900 m, 20 Mar., and at ca. 1,100 m, 18, 20 April 1977 (Remsen & Ridgely, 1980:69, 70, 72, 73, 74); Remsen, 19-21 Jan., and on road between Colomi [1721/6552 (USBGN)] and Villa Tunari, 18 Jan. 1977 (Remsen, 1988:13, 14); Parker and Rowlett, 11-13 Oct., and ca. 52 km by road W, between 1,575-1,700 m, 13-14 Oct. 1983 and on Cochabamba/Villa Tunari road, in "Chapare cloud forest" at 3,200 m, 11 Oct., and at 2,570 m, 14 Oct. 1983 (Parker & Rowlett, 1984:111, 112, 113).

VILLAZÓN; Tarija 2206/6536 (USBGN)
11,860 ft [3,600 m] (ONC); collector? [Carriker?], near Villazón, date? (Bond & de Schauensee, 1943:173).

VILOCA (Bond & de Schauensee, 1939a:1); see Viloco.

VILOCO; La Paz 1657/6733 (USBGN)
13,000 ft [3,950 m] (Bond & de Schauensee, 1939a:1, as "Viloca"); 13,800-17,000 ft [4,200-5,200 m] (Bond & de Schauensee, 1942b:318, as "Viloca"); ca. 85 km SE of city of La Paz [1630/6809

(USBGN)]; not on our maps; in deep valley, snow-capped peaks nearby, Carriker, 28-30 Mar. 1938 (Bond & de Schauensee, 1942b:318, as "Viloca"; FMNH, as "Viloca (Araca Mine [=? Araca, 1652/6735 (USBGN)])").

VILQUECHICO; Puno, Peru
Erroneously attributed to Bolivia by Allen & Garman (1876:355).

VINCOCAYA Not located
In vicinity of Lago Titicaca [1548/6924 (USBGN)], Garman, early 1875 (Allen & Garman, 1876:354); probably in Peru; see gazetteer for Peru (Stephens & Traylor, 1983, *Ornithological Gazetteer of Peru*).

VINTO; Cochabamba 1726/6619 (USBGN)
2,537 m, 18 km WSW of city of Cochabamba [1724/6609 (USBGN)] (MHA); collector? [Miller and Boyle?], date? [1915?] (Chapman, 1919a:254).

VISCACHA (d'Orbigny, 1839-1843:450); see Viscachalani, Cerro de.

VISCACHAL (d'Orbigny, 1839-1843:450); see Viscachalani, Cerro de.

VISCACHALANI, CERRO DE; Cochabamba 1641/6641 (USBGN)
4,750 m, in Yungas [1620/6645 (USBGN)] region of northwestern Cochabamba, close to border with La Paz (MHA); d'Orbigny, ca. 4 Sept. 1830 (d'Orbigny, 1839-1843, p. 450, as "Viscachal" or "Viscacha"; 1846, p. 147, as "Biscachal"; "Sclater & Salvin, 1879:593, as "Mountain of Biscachal, near Carcuata [=Cajuata], Prov. Yungas"); identification uncertain as d'Orbigny (1846, p. 147) places mountain about 5-10 km from Cajuata [1649/6715 (USBGN)] and Suri [1651/6714 (USBGN)] but the mountain is considerably more distant.

WARNES; Santa Cruz 1730/6310 (USBGN)
1,200 ft [375 m], in the lowlands of eastern Santa Cruz, 30 km N of city of Santa Cruz [1748/6310 (USBGN)] (MHA); Steinbach, Jan., April 1915 (CM), 1 Aug. 1922 (Remsen, et al., 1987:11); F. Steinbach, 10 Nov. 1938 (FMNH).

XEBEROS Not located
Bartlett, date? (Sclater & Salvin, 1879:616); doubtless misspelled.

YACUIBA; Tarija/Argentina 2202/6345 (USBGN)
ca. 500 m, on Argentina border in southern Tarija (MHA); Lynch [Arribálzaga], 17 Aug. 1908 (Partridge, 1954, Rev. Inst. Nac. Inves. Cienc. Nat. y Mus. Argent. Cienc. Nat. "Bernadino Rivadavia", **3**:101); J. Steinbach, 27 Oct. (Remsen, et al., 1986:23), 3 Nov. 1915 (USNM), 10 Feb. 1916 (Dabbene, 1918, Hornero, **1**:98; Remsen & Traylor, 1983:96; CM, as "Yacuiva"); some specimens recorded as from Argentina while others as from Bolivia; Budin, 600 m, June 1924 (USNM); Nores and Yzurieta, at 626 m, late Oct. 1982 (Nores & Yzurieta, 1984:329); Crossin, 30 km NW at 2,700 ft [800 m], 30-31 Dec. 1972, 1 Jan. 1973 (FMNH); see, also, gazetteer for Argentina (Paynter, 1985, *Ornithological Gazetteer of Argentina*).

YACUIVA (CM); see Yacuiba.

YACUMA; El Beni 1510/6704 (USBGN)
Alt.?; southwestern El Beni, SW of San Borja [1449/6651 (USBGN)]; not shown on our maps; Schmitt, in Provincia General Ballivián [1400/6705 (USBGN)], 50 km N of Yacuma on road to Rurrenabaque [1428/6734 (USBGN)], at 575 m, 24, 27-28, 30 Sept. 1984 (Schmitt & Schmitt, 1987:130, 132 as "Yacumo").

YACUMO (Schmitt & Schmitt, 1987:130); see Yacuma.

YAMBO PATA (Menegaux, 1909:205); see Yampupata.

YAMPARÁEZ; Chuquisaca 1910/6510 (USBGN)
ca. 3,200 m, northwestern Chuquisaca, 20 km W of Tarabuco [1910/6457 (USBGN)] and 18 km SE of Sucre [1902/6517 (USBGN)] (MHA); d'Orbigny, ca. 11 Dec. 1832 (d'Orbigny, 1846, pp. 275-276; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 142).

YAMPUPATA; La Paz 1605/6913 (USBGN)
ca. 3,850 m, on Isla de Titicaca [1601/6910 USBGN)] at southern end of Lago Titicaca [1548/6924 (USBGN)]; not shown on our maps; Stübel, Dec. 1876 (Menegaux, 1909:205, as "Yambo Pata"); possibly

refers to *Isla* Yampupata [1606/6907 (USBGN)]; erroneously placed in Peru in first edition of this gazetteer (Paynter, et al., 1975:69), but see Lamas, 1976, Rev. Peru. Entom.,**19**:24.

YANACACHÉ (Sclater & Salvin, 1879:603); see Yanacachi.

YANACACHI; La Paz 1623/6743 (USBGN)
2,386 m, in south-central La Paz, 43 km NW of city of La Paz [1630/6809 (USBGN)] (MHA); d'Orbigny, 21-26 July 1830 (d'Orbigny, 1839-1843, p. 430, as "Yanacaché"; 1846, p. 142, as "Yanacaché"; Sclater & Salvin, 1879:603, as "Yanacaché"); Simons, 10 Nov. 1900 (Chubb, 1919:5).

YANI; La Paz 1536/6835 (USBGN)
3,629 m, western central La Paz, 40 km NE of Lago Titicaca [1548/6824 (USBGN)] and 60 km SW of Mapiri [1515/6810 (USBGN)] (MHA); Simons, at 3,500 m, 19 Aug. 1900 (Chubb, 1919:5, as "Oyane").

YANTA ADUANA; Cochabamba ca. 1715/6555 (Gyldenstolpe, 1945:map)
3,170-3,600 m, central Cochabamba, in pass NE of Colomi [1721/6552 (USBGN)], Olalla, 8-17 May 1938 (Fjeldså & Krabbe, 1989:322); this may be the same as Aduana, which see.

YAPACANI (FMNH); see Yapacani, Río.

YAPACANI, RÍO; Santa Cruz 1600/6425 (USBGN)
Rises in the mountains of western Santa Cruz in vicinity of Pampa Grande [1805/6406 (USBGN)] and flows N, ca. 25 km W of Buena Vista [1727/6340 (USBGN)], to join Río Grande [1551/6439 (USBGN)] near northwestern border of department (MHA); J. Steinbach, 18 (Remsen, et al., 1987:14), 19 (MCZ), 20, 22 (Remsen, et al., 1986:26, 28, 31), 25 (MCZ, as "Río Lapacani"), 26 Aug. 1913 (Todd, 1915, Proc. Biol. Soc. Washington, **28**:170), 21 May (Remsen, et al., 1986:30), 12 (LACMNH, as "Río Yapani"), 26, 30 Aug., 1, 4, 10, 12 (Remsen, et al., 1986:26, 30; 1987:11, 14), 14 (WFVZ), 19-21 Sept. 1914 (Remsen, et al., 1986:30; 1987:11, 14), near Buena Vista [1717/6340 (USBGN)], 4-5, 12, 19-21 Sept. 1914, 28 Jan. (Remsen, et al., 1986:30; 1987:13, 14), 17-22 Feb. 1915 (Todd, 1917:5; 1925, Proc. Biol. Soc. Washington, **38**:82; 1928, op. cit., **41**:113; 1928, Ann. Carnegie Mus., **18**:342; Remsen, et al., 1987:13), 4 Oct. 1926 (FMNH); F. Steinbach, 22, 24, 27 Dec. 1936,

14, 17, 20, 22 Oct. 1942, 10, 18 April 1945 (FMNH, sometimes as "Yapacani" and "Yapani"; Remsen & Ridgely, 1980:70; Remsen, et al., 1987:9); all Steinbach records are probably from near Buena Vista, the source of numerous specimens over many years; Dott, at river NW of Montero [1720/6315 (USBGN)] at 293 m, 20 Mar. 1975 (Dott, 1985:344).

YAPANI (FMNH); see Yapacani, Río.

YAPANI, RÍO (LACMNH); see Yapacani, Río.

YERBABUENA; Santa Cruz 1755/6404 (Cabot & Serrano, 1988:190)
Alt.?; in the foothills of western Santa Cruz, NE of Pampa Grande [1805/6406 (USBGN)] and NW of Samaipata [1809/6352 (USBGN)]; not found on maps available to us; in Provincia Florida [1800/6355 (USBGN)], collector?, 10 Mar. 1983 (Cabot & Serrano, 1988:190).

YOAY, RANCHO; see Rancho Yoay.

YOCALLA; Potosí 1924/6556 (USBGN)
Alt.?; ca. 30 km NW of city of Potosí [1935/6545 (USBGN)] (MAPA-II); d'Orbigny, 29 Mar. 1833 (d'Orbigny, 1846, pp. 301-302; Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 142).

YOTALA; Chuquisaca 1910/6517 (USBGN)
ca. 2,750 m, northwestern Chuquisaca, close to border with Potosí, 15 km S of Sucre [1902/6517 (USBGN)] (MHA); in Provincia Yamparáez [1910/6455 (USBGN)], observer?, at 3,400 m, 25 July 1984 (Cabot & Serrano, 1988:190); Vuilleumier, near Yotala, 13 Dec. 1967 (Vuilleumier, 1969: 605).

YUAY (Hartert & Goodson, 1917:501); see Rancho Yoay.

YUGABI, FINCA; see Finca Yugabi.

YUGABI, FINCA DE (Menegaux, 1919:225); see Finca Yugabi.

YUNCAS, PROV. (Sclater & Salvin, 1879:604); see Yungas.

YUNGA DE YURACARÉS (d'Orbigny, 1846:208); see Yungas.

YUNGAS; La Paz/Cochabamba 1620/6645 (USBGN)
Region in eastern foothills of the Andes, ranging from about 300 to 1,500 m, on northeastern slopes extending from La Paz to Cochabamba, becoming more humid from N to S; d'Orbigny, in region, ca. 1830-1832 (d'Orbigny, 1846, p. 208, as "Yunga de Yuracarés"; Sclater & Salvin, 1879:592, as "Yuracares", p. 595, as "Prov. Yungas, p. 597. as "Territory of the Yuracares Indians", p. 604, as "Prov. Yuncas"); the Yungas region is the homeland of the Yuracarés Indians, but the name "Yuracarés" has mistakingly been thought to apply to a town or even to a province (e.g., Bond & de Schauensee, 1942b:318); Bridges, ca. 1845-1847 (Sclater & Salvin, 1879:590,628); Witt, ca. 1846 (Krabbe, 1984, as "Yungas, La Paz"); Rusby, April, Sept. 1885, Sept. 1886, April 1888 [error or errors?] (Allen, 1889;78, 80, 82); Miller and Boyle, at 3,600 ft [1,100 m], in Cochabamba, 2, 5, 19 June 1915 (Chapman, 1919a:260; 1924a:7; FMNH); Klages, in Cochabamba, 12 June 1921 (FMNH); D. Steinbach, in Cochabamba, 2, 16 April 1921 (FMNH); J. Steinbach, in Cochabamba, 22, 28 April, 8, 10, 12, 25 May, 15, 18, 24 June 1921 (FMNH; USNM; MCZ); F. Steinbach, 12, 17 May 1921, 15 July 1924, 4, 7-8, 10-20 July, 24 Aug., 4 Sept., 6, 8, 10, 12-13, 15-16, 18-20, 22, 24, 28, 30 Oct., 2-8, 15-16, 20, 30 Nov., 10, 15-16 Dec. 1927, 18 June 1936, 31 Oct. 1937, 4 June 1938, 20 Mar. 1940 (FMNH); F. Steinbach, in Cochabamba, 16 June, 4-5, 9 June, 4, 9-10 July 1921 (Todd, 1924, Proc. Biol. Soc. Washington, **37**:121, 123; Gyldenstolpe, 1930, Arkiv Zool., **21A**:32, 34); Rusby, at 18° S, date? (Zimmer, 1933, Amer. Mus. Novit., no. 647, p. 9; AMNH); Nuñez del Prado, in "Yungas Valley", date? (USNM).

YUNGAS, PROV. (Sclater & Salvin, 1879: 595); see Yungas.

YUNGAS DEL PALMAR (FMNH); see Palmar.

YURA; Potosí 2007/6607 (USBGN)
ca. 3,000 m, ca. 65 km SW of city of Potosí [1935/6545 (USBGN)] in central part of department (MHA); Créqui-Montfort, in vicinity, S of Cerro Tumula [Cerro Tumusla, 2014/6613 (USBGN)], at 5,000 m, 18-19 June 1903 (Menegaux, 1909:206, 226); collector?, at 3,840 m, 28 July 1984 (Cabot & Serrano, 1988:189); Cabot, at 4,100 m, arid puna, dense thola, 2 Aug. 1984 (Cabot, 1991:206).

YURACARÉS (d'Orbigny, 1846:208); see Yungas.

YUYO; La Paz 1508/6817 (USBGN)
ca. 1,000 m (MHA); in western central La Paz, ca. 20 km NW of Mapiri [1515/6810 (USBGN)] (MAPA); Buckley, 1875 (Sclater & Salvin, 1879:594).

ZAPACOZ; Santa Cruz 1548/6304 (USBGN)
Alt.?; in northeastern central Santa Cruz in Provincia Ñuflo de Chávez [1555/6204 (USBGN)]; not on our maps; Davis, 8 km SW at 450 m, 18-20, 22-24, 26 July, 22-27 Nov. 1985 (FMNH).

ZAPATERA; Tarija 2132/6351 (USBGN)
ca. 1,000 m, near edge of mountains, 80 km E of city of Tarija [2131/6445 (USBGN)], central Tarija (MHA); von Hofsten, 8, 10 Mar. 1902 (Lönnberg, 1903:453, 468, as "Zapatero").

ZAPATERO (Lönnberg, 1903:453); see Zapatera.

ZONGO; La Paz 1607/6802 (USBGN)
2,050 m, in Yungas [1620/6645 (USBGN)] region, on upper Río Zongo [1543/6741 (USBGN)], 46 km NNE of La Paz [1630/6809 (USBGN)] (MHA); O. Garlepp, at 1,000 m, ca. 15 Feb.-3 Nov. 1895, May 1896 (Niethammer, 1953a:203, as "Songo"), 4, 28 May (Berlepsch, 1901:84, 89, as "Songo"), 24 June 1896 (Niethammer, 1956:119, as "Songo"); collector?, 4 May 1806 [=1896?] (Gyldenstolpe, 1930, Arkiv Zool., **21A**:25, as "Songo"); Gyldenstolpe (op. cit., p. 28) suggests "Songo" may be an error for "Pongo", a name common in the Yungas region, but this seems spurious; Vuilleumier, below pass on road between El Alto [1630/6810 (USBGN)] and Zongo, at 4,480 m, 19 June 1968 (Vuilleumier, 1969:601); Remsen, 5.4 km W of dam on Zongo Valley [Río Zongo, 1543/6741 (USBGN)] road, Provincia Murillo [1620/6800 (USBGN)], 19 July 1981 (Remsen, et al., 1987:10).

ZONGO, ABRA; La Paz 1617/6807 (USBGN)
4,800 m (Cabot, 1991:205); pass 25 km N of city of La Paz [1630/6809 (USBGN)] (MHA, as "Abra de Zongo"); alpine vegetation, Fjeldså, et al., 8, 10 April 1987 (Fjeldså, 1987:34; Cabot, 1991:205).

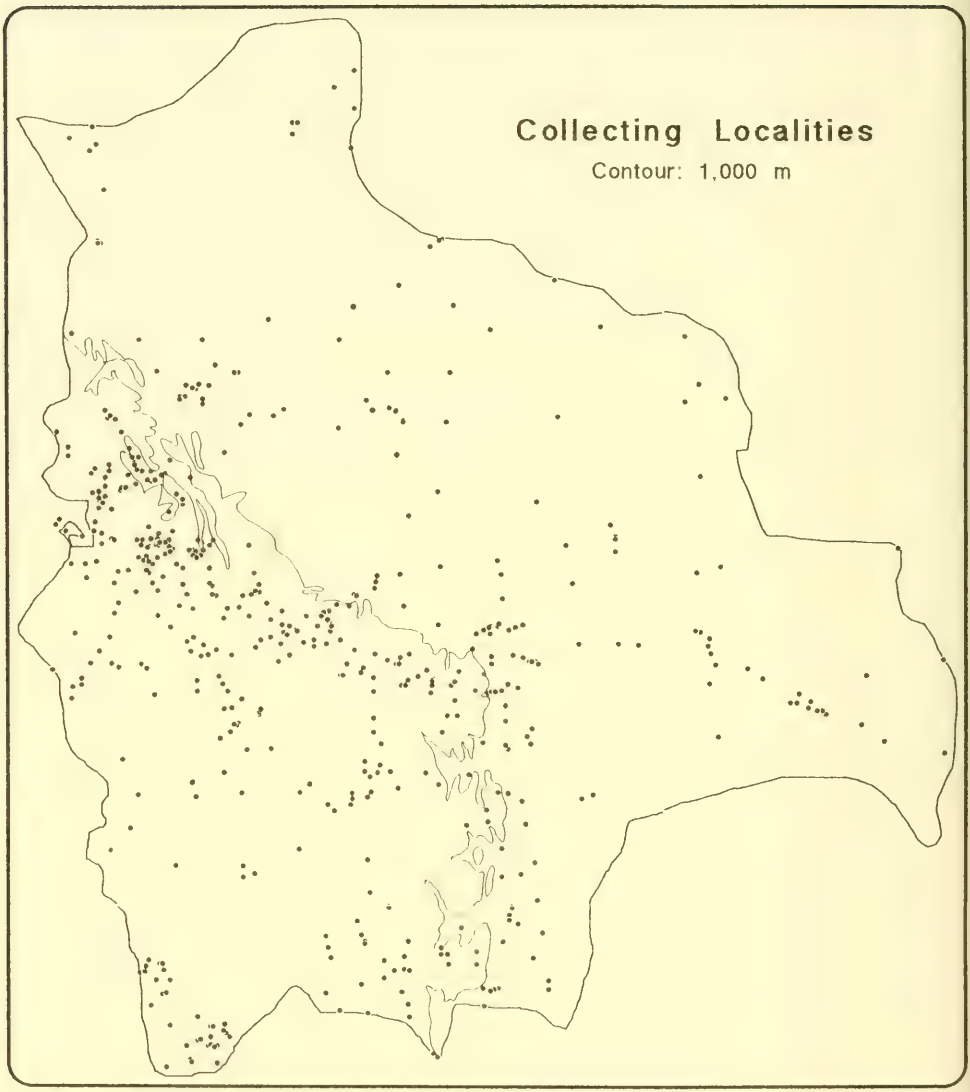
ZONGO, ABRA DE (MHA); see Zongo, Abra.

ZONGO, RÍO; La Paz 1543/6741 (USBGN)

In Yungas [1620/6645 (USBGN)] of northeastern La Paz, a left-bank tributary of middle Río Coroico [1527/6750 (USBGN)], rising NE of La Paz [1630/6809 (USBGN)] (MHA); Scott, at ca. 9,000 ft [2,750 m], 1953 (Scott, 1954); Peña, 2-3 Nov. 1984 (WFVZ); Heindel, in valley at 2,250 m, 17 Mar. 1979 (Parker, Remsen, & Heindel, 1980:162), in same area 19 Jan. 1980 (Remsen & Traylor, 1983:97); collector?, 30.7 km downstream from Lago Zongo [not located], date? (Remsen, 1984:173); Fjeldså, et al., in humid scrub at ca. 3,500 m and near river at 2,850 m, 8-9 April 1987 (Fjeldså, 1987:34).

ZUDÁÑEZ; Chuquisaca 1906/6444 (USBGN)

ca. 2,500 m, north-central Chuquisaca, 45 km NW of Padilla [1919/6420 (USBGN)] (MHA); d'Orbigny, ca. 8 Dec. 1832 (Papavero, 1971, *Essays on History of Neotropical Dipterology*, Vol. 1, p. 142).


Collecting Localities
Contour: 1,000 m

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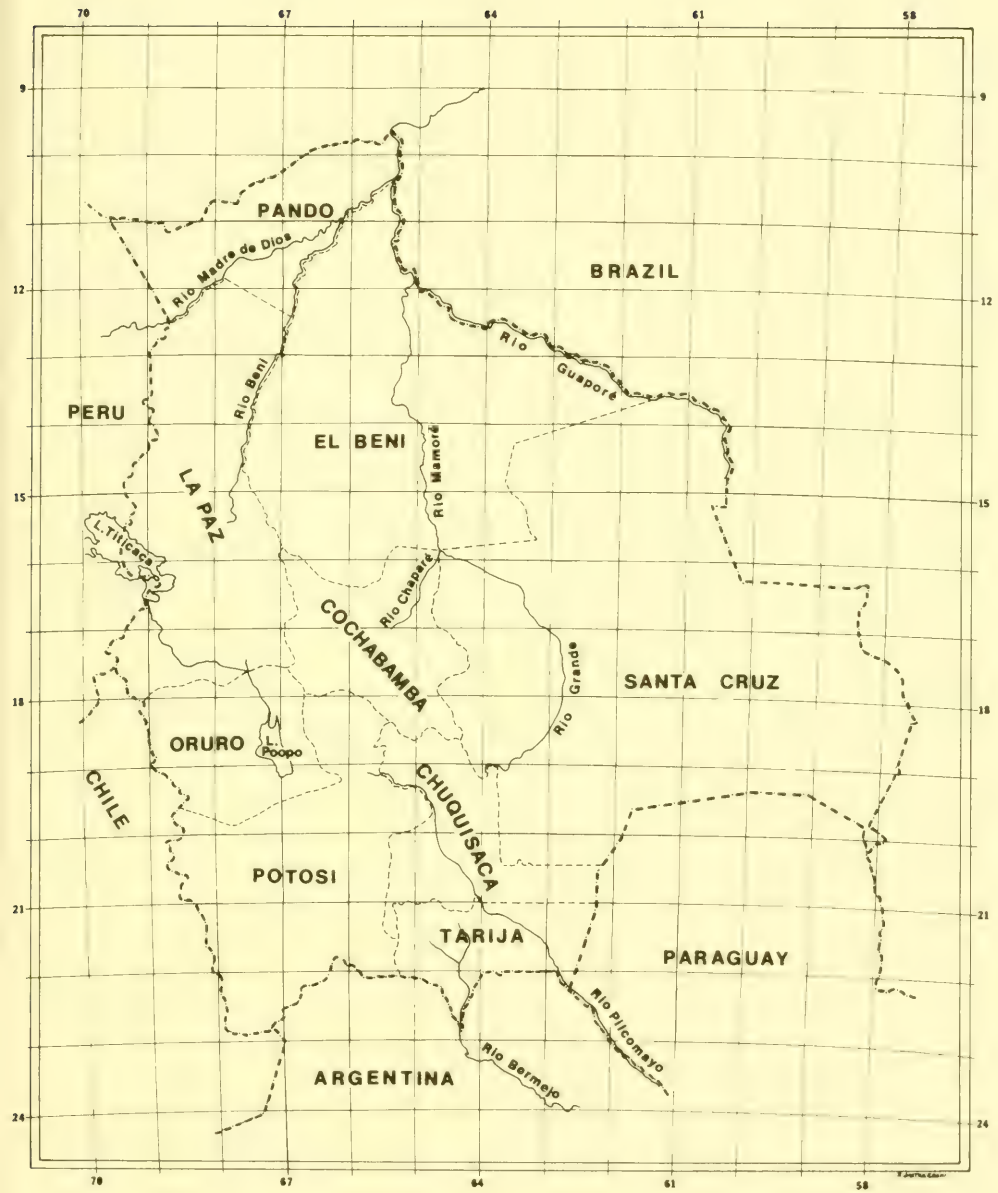
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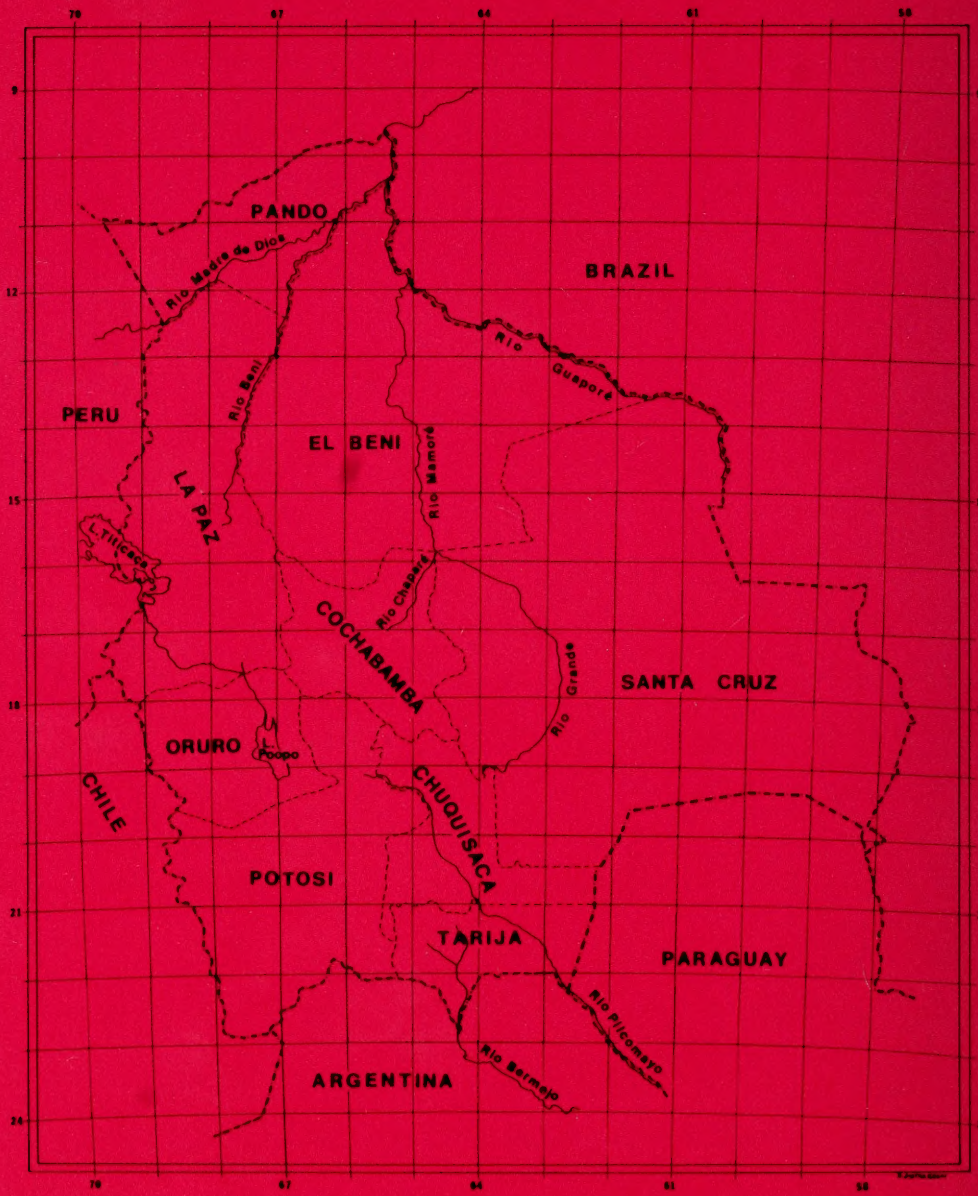
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